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Part Number:

0736441007

Status:

Active

Overview:

[hdm](#)

Description:

2.00mm (.079") Pitch HDM® Board-to-Board Backplane Header, Vertical, SMC, Press-Fit, Guide Post Location A, Polarizing Key Position D, 144 Circuits

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

General

|                |                       |
|----------------|-----------------------|
| Product Family | Backplane Connectors  |
| Series         | <a href="#">73644</a> |
| Application    | Backplane             |
| Comments       | Standard Press-Fit    |
| Component Type | PCB Header            |
| Overview       | <a href="#">hdm</a>   |
| Product Name   | HDM®                  |
| Style          | N/A                   |

Physical

|                                |                                  |
|--------------------------------|----------------------------------|
| Circuits (Loaded)              | 144                              |
| Circuits (maximum)             | 144                              |
| Color - Resin                  | Black, Natural                   |
| Durability (mating cycles max) | 250                              |
| First Mate / Last Break        | No                               |
| Flammability                   | 94V-0                            |
| Guide to Mating Part           | Yes                              |
| Keying to Mating Part          | Yes                              |
| Material - Metal               | Phosphor Bronze, Stainless Steel |
| Material - Plating Mating      | Gold                             |
| Material - Plating Termination | Gold                             |
| Material - Resin               | High Temperature Thermoplastic   |
| Number of Columns              | 24                               |
| Number of Pairs                | Open Pin Field                   |
| Number of Rows                 | 6                                |
| Orientation                    | Vertical                         |
| PC Tail Length (in)            | 0.138 In                         |
| PC Tail Length (mm)            | 3.50 mm                          |
| PCB Locator                    | No                               |
| PCB Retention                  | Yes                              |
| PCB Thickness Recommended (in) | 0.098 In                         |
| PCB Thickness Recommended (mm) | 2.50 mm                          |
| Packaging Type                 | Tube                             |
| Pitch - Mating Interface (in)  | 0.079 In                         |
| Pitch - Mating Interface (mm)  | 2.00 mm                          |
| Pitch - Term. Interface (in)   | 0.079 In                         |
| Pitch - Term. Interface (mm)   | 2.00 mm                          |
| Plating min: Mating (µin)      | 30                               |
| Plating min: Mating (µm)       | 0.75                             |
| Plating min: Termination (µin) | 2                                |
| Plating min: Termination (µm)  | 0.05                             |
| Polarized to PCB               | No                               |

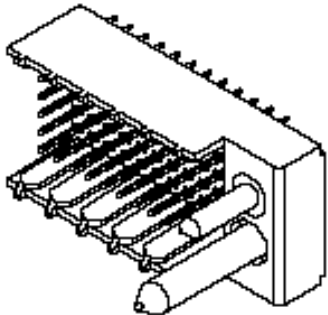


image - Reference only

Series

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Not Reviewed**  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[73644Series](#)

**Mates With**  
[73632](#) HDM PLUS® Board-to-Board Daughtercard Receptacle. [73780](#) HDM® Board-to-Board Daughtercard Receptacle

**Application Tooling | FAQ**  
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

| Global                                          |                            |
|-------------------------------------------------|----------------------------|
| Description                                     | Product #                  |
| Flat Rock Tooling for Pneumatic Press           | <a href="#">0622013700</a> |
| HDM® Backplane Insertion Signal Contact Tool    | <a href="#">0621001400</a> |
| HDM® Backplane Insertion Head for 144 Positions | <a href="#">0622005703</a> |

|                                                                    |                              |                 |            |
|--------------------------------------------------------------------|------------------------------|-----------------|------------|
| Stackable                                                          | No                           | Extraction Tool | 0621001000 |
| Surface Mount Compatible (SMC)                                     | Yes                          |                 |            |
| Temperature Range - Operating                                      | -55°C to +105°C              |                 |            |
| Termination Interface: Style                                       | Through Hole - Compliant Pin |                 |            |
| <b>Electrical</b>                                                  |                              |                 |            |
| Current - Maximum per Contact                                      | 1A                           |                 |            |
| Data Rate                                                          | 1.0 Gbps                     |                 |            |
| Real Signals (per 25mm)                                            | 75                           |                 |            |
| Shielded                                                           | No                           |                 |            |
| Voltage - Maximum                                                  | 250V AC                      |                 |            |
| <b>Material Info</b>                                               |                              |                 |            |
| <b>Reference - Drawing Numbers</b>                                 |                              |                 |            |
| Packaging Specification                                            | PK-70873-0818                |                 |            |
| Sales Drawing                                                      | SDA-73644-****               |                 |            |
| HDM and High Density Metric are trademarks of Amphenol Corporation |                              |                 |            |

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NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0, COLOR: BLACK, TERMINAL - PHOSPHOR BRONZE.
2. FINISHES: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm MINIMUM THICKNESS; NICKEL (Ni) AND GOLD FLASH OVERALL SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm MIN. THICKNESS; SELECTIVE TIN/LEAD (Sb/Pb) IN TAIL AREA; NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73670-9999.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT FACTORY FOR AVAILABILITY.
5. DIMENSIONS ARE IN MILLIMETERS.
6. FOR SPECIFIC MATERIAL NUMBERS, REFER TO SHEET 2.
7. PACKAGE PER PK-70873-0818.
8. PARTS MARKED WITH PART NUMBER AND DATE CODE, ON EITHER SIDE, APPROXIMATELY WHERE SHOWN.



|      |          |
|------|----------|
| 2    | D        |
| 1    | J        |
| MFG. | SH. REV. |

REVISIONS: 2 = 0, 1 = 0, REVISE ONLY ON CAD SYSTEM

|                                                                                                                        |  |                                                         |                  |
|------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------|------------------|
| TITLE                                                                                                                  |  | SALES ASSY, HDM BACKPLANE<br>MODULE, POLAR/GUIDE OPTION |                  |
| MOLEX INCORPORATED<br>LITSE,ILL. 60532                                                                                 |  | SHEET NO.<br>1 OF 2                                     | DATE<br>96/12/18 |
| PART NO.                                                                                                               |  | SDA-73644-****                                          |                  |
| SEE CHART                                                                                                              |  | DIV. DA                                                 |                  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |  | SIZE B                                                  |                  |

|                                     |  |                                      |  |
|-------------------------------------|--|--------------------------------------|--|
| REVISIONS                           |  | REVISIONS                            |  |
| J                                   |  | G                                    |  |
| ECR UCP2003-2260<br>THOMAS 03/04/25 |  | ECR UDT1999-0476<br>BINGHAM 98/12/21 |  |
| LTR.                                |  | LTR.                                 |  |

|                                                          |              |
|----------------------------------------------------------|--------------|
| DIMENSIONS SHOWN (METRIC) INCH                           |              |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES: ANGULAR ± 1/2° |              |
| 3 PLACE                                                  | ± N/A ---    |
| 2 PLACE                                                  | ± N/A ± 0.05 |
| 1 PLACE                                                  | --- ± 0.10   |
| DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS  |              |
| DRWG.<br>BY                                              | JRR          |
| CHK'D.<br>BY                                             | SMR          |
| APP'D.<br>BY                                             | CAB          |
| SCALE                                                    | 2 : 1        |

|        | 10                                                                                                           | 9                         | 8                                 | 7                                                                                                            | 6              | 5                                                   | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3                                                                                                                      | 2             | 1      | 73644  |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
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|        | MATERIAL NUMBER                                                                                              | NUMBER OF SIGNAL CONTACTS | PLATING                           | DIM "A"                                                                                                      | DIM "B"        | DIM "M"                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| F      | 73644-00**                                                                                                   | 72                        | SELECTIVE GOLD/GOLD FLASH         | 31.60                                                                                                        | 22.00          | 5.00                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 73644-01**                                                                                                   | 72                        | SELECTIVE GOLD/GOLD FLASH         | 31.60                                                                                                        | 22.00          | 5.50                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 73644-02**                                                                                                   | 72                        | SELECTIVE GOLD/GOLD FLASH         | 31.60                                                                                                        | 22.00          | 6.00                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 73644-10**                                                                                                   | 144                       | SELECTIVE GOLD/GOLD FLASH         | 55.60                                                                                                        | 46.00          | 5.00                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 73644-11**                                                                                                   | 144                       | SELECTIVE GOLD/GOLD FLASH         | 55.60                                                                                                        | 46.00          | 5.50                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| E      | 73644-12**                                                                                                   | 144                       | SELECTIVE GOLD/GOLD FLASH         | 55.60                                                                                                        | 46.00          | 6.00                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 73644-20**                                                                                                   | 72                        | SELECTIVE GOLD/SELECTIVE TIN-LEAD | 31.60                                                                                                        | 22.00          | 5.00                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 73644-21**                                                                                                   | 72                        | SELECTIVE GOLD/SELECTIVE TIN-LEAD | 31.60                                                                                                        | 22.00          | 5.50                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 73644-22**                                                                                                   | 72                        | SELECTIVE GOLD/SELECTIVE TIN-LEAD | 31.60                                                                                                        | 22.00          | 6.00                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 73644-30**                                                                                                   | 144                       | SELECTIVE GOLD/SELECTIVE TIN-LEAD | 55.60                                                                                                        | 46.00          | 5.00                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| D      | 73644-31**                                                                                                   | 144                       | SELECTIVE GOLD/SELECTIVE TIN-LEAD | 55.60                                                                                                        | 46.00          | 5.50                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 73644-32**                                                                                                   | 144                       | SELECTIVE GOLD/SELECTIVE TIN-LEAD | 55.60                                                                                                        | 46.00          | 6.00                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        |                                                                                                              |                           |                                   |                                                                                                              |                |                                                     | <div>MATERIAL NUMBER ASSIGNMENT</div> <div>73644- * * * *</div> <div>0 = 72-CIRCUIT, GOLD/GOLD FLASH<br/>1 = 144-CIRCUIT, GOLD/GOLD FLASH<br/>2 = 72-CIRCUIT, GOLD/TIN-LEAD<br/>3 = 144-CIRCUIT, GOLD/TIN-LEAD</div> <div>0 = 5.00 MATING LENGTH<br/>1 = 5.50 MATING LENGTH<br/>2 = 6.00 MATING LENGTH</div> <table><thead><tr><th>NUMBER</th><th>GUIDE POST LOCATION</th><th>POLAR KEY POSITION</th></tr></thead><tbody><tr><td>00</td><td>B</td><td rowspan="2">A</td></tr><tr><td>01</td><td>A</td></tr><tr><td>02</td><td>B</td><td rowspan="2">B</td></tr><tr><td>03</td><td>A</td></tr><tr><td>04</td><td>B</td><td rowspan="2">C</td></tr><tr><td>05</td><td>A</td></tr><tr><td>06</td><td>B</td><td rowspan="2">D</td></tr><tr><td>07</td><td>A</td></tr><tr><td>08</td><td>B</td><td rowspan="2">E</td></tr><tr><td>09</td><td>A</td></tr><tr><td>10</td><td>B</td><td rowspan="2">F</td></tr><tr><td>11</td><td>A</td></tr><tr><td>12</td><td>B</td><td rowspan="2">G</td></tr><tr><td>13</td><td>A</td></tr><tr><td>14</td><td>B</td><td rowspan="2">H</td></tr><tr><td>15</td><td>A</td></tr><tr><td>16</td><td>B</td><td rowspan="3">N/A</td></tr><tr><td>17</td><td>A</td></tr><tr><td>18</td><td>N/A</td></tr></tbody></table> |                                                                                                                        |               |        |        | NUMBER  | GUIDE POST LOCATION | POLAR KEY POSITION | 00      | B     | A     | 01      | A   | 02    | B | B | 03          | A           | 04 | B                         | C | 05 | A | 06 | B | D | 07 | A | 08 | B | E | 09 | A | 10 | B | F | 11 | A | 12 | B | G | 13 | A | 14 | B | H | 15 | A | 16 | B | N/A | 17 | A | 18 | N/A |
| NUMBER | GUIDE POST LOCATION                                                                                          | POLAR KEY POSITION        |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 00     | B                                                                                                            | A                         |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 01     | A                                                                                                            |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 02     | B                                                                                                            | B                         |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 03     | A                                                                                                            |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 04     | B                                                                                                            | C                         |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 05     | A                                                                                                            |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 06     | B                                                                                                            | D                         |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 07     | A                                                                                                            |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 08     | B                                                                                                            | E                         |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 09     | A                                                                                                            |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 10     | B                                                                                                            | F                         |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 11     | A                                                                                                            |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 12     | B                                                                                                            | G                         |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 13     | A                                                                                                            |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 14     | B                                                                                                            | H                         |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 15     | A                                                                                                            |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 16     | B                                                                                                            | N/A                       |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 17     | A                                                                                                            |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 18     | N/A                                                                                                          |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| C      | <div>LOCATION A</div> <div>LOCATION B</div>                                                                  |                           |                                   | <div>LOCATION B</div> <div>LOCATION A</div>                                                                  |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | REF. MATERIAL NUMBER 73644-0009<br>GUIDE PIN IS IN LOCATION A<br>POLARIZING KEY IS IN LOCATION B, POSITION E |                           |                                   | REF. MATERIAL NUMBER 73644-0008<br>GUIDE PIN IS IN LOCATION B<br>POLARIZING KEY IS IN LOCATION A, POSITION E |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| B      |                                                                                                              |                           |                                   |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| A      |                                                                                                              |                           |                                   |                                                                                                              |                |                                                     | DIMENSIONS SHOWN (METRIC) INCH<br>UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° <table><thead><tr><th></th><th>INCH</th><th>METRIC</th></tr></thead><tbody><tr><td>3 PLACE</td><td>± N/A</td><td>---</td></tr><tr><td>2 PLACE</td><td>± N/A</td><td>± N/A</td></tr><tr><td>1 PLACE</td><td>---</td><td>± N/A</td></tr></tbody></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                        |               | INCH   | METRIC | 3 PLACE | ± N/A               | ---                | 2 PLACE | ± N/A | ± N/A | 1 PLACE | --- | ± N/A | D |   | SEE SHEET I | ▽ = 0 ▼ = 0 |    | REVISE ONLY ON CAD SYSTEM |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        |                                                                                                              | INCH                      | METRIC                            |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 3 PLACE                                                                                                      | ± N/A                     | ---                               |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 2 PLACE                                                                                                      | ± N/A                     | ± N/A                             |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        | 1 PLACE                                                                                                      | ---                       | ± N/A                             |                                                                                                              |                |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        |                                                                                                              |                           |                                   |                                                                                                              |                | TITLE                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SALES ASSY, HDM BACKPLANE<br>MODULE, POLAR/GUIDE OPTION                                                                |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        |                                                                                                              |                           |                                   |                                                                                                              |                | moLEX MOLEX INCORPORATED<br>LITTLEILL. 60532 U.S.A. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SHEET NO. 2                                                                                                            | DATE 96/12/18 |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        |                                                                                                              |                           |                                   |                                                                                                              |                | PART NO. SEE CHART                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SDA-73644-*****                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        |                                                                                                              |                           |                                   |                                                                                                              |                | FILE NAME S73644X2 DGN                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        |                                                                                                              |                           | LTR. REVISIONS                    |                                                                                                              | LTR. REVISIONS | DRWG. BY JRR CHK'D. BY SMR                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DIV. DA                                                                                                                |               | SIZE B |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
|        |                                                                                                              |                           |                                   |                                                                                                              |                | APP'D. BY CAB SCALE ---:---                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                        |               |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |
| 10     | 9                                                                                                            | 8                         | 7                                 | 6                                                                                                            | 5              | 4                                                   | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                                                                                                                      | 1             |        |        |         |                     |                    |         |       |       |         |     |       |   |   |             |             |    |                           |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |   |    |   |    |   |     |    |   |    |     |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.