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**Part Number:** [0432028927](#)  
**Status:** **Active**  
**Overview:** [modular\\_plugs\\_jacks](#)  
**Description:** Modular Jack, Right Angle, Low Profile, Shielded, All Panel Grounding Tabs, with Bottom Grounding Tab, Rear Position PCB Ground Tab, 8/8

**Documents:**

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-43202-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E107635 |

**General**

|                           |                                     |
|---------------------------|-------------------------------------|
| Product Family            | Modular Jacks/Plugs                 |
| Series                    | <a href="#">43202</a>               |
| Comments                  | Enhanced panel grounding tabs       |
| Component Type            | PCB Jack                            |
| Magnetic                  | No                                  |
| Overview                  | <a href="#">modular_plugs_jacks</a> |
| Performance Category      | 3                                   |
| Power over Ethernet (PoE) | N/A                                 |
| Product Name              | RJ45                                |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 500                            |
| Flammability                   | 94V-0                          |
| Inverted / Top Latch           | No                             |
| Lightpipes/LEDs                | None                           |
| Material - Metal               | Brass, Phosphor Bronze         |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Orientation                    | Right Angle (Side Entry)       |
| PCB Retention                  | Yes                            |
| PCB Thickness Recommended (in) | 0.062 In                       |
| PCB Thickness Recommended (mm) | 1.60 mm                        |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface (in)  | 0.050 In                       |
| Pitch - Mating Interface (mm)  | 1.27 mm                        |
| Plating min: Mating (µin)      | 50                             |
| Plating min: Mating (µm)       | 1.25                           |
| Plating min: Termination (µin) | 100                            |
| Plating min: Termination (µm)  | 2.5                            |
| Ports                          | 1                              |
| Positions / Loaded Contacts    | 8/8                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40°C to +85°C                 |
| Termination Interface: Style   | Through Hole                   |
| Wire/Cable Type                | N/A                            |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Grounding to PCB              | Yes  |

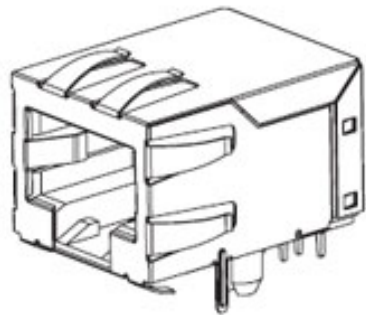


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**

**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**

[43202Series](#)

**Mates With**

FCC 68 Plugs

|                    |      |
|--------------------|------|
| Grounding to Panel | Yes  |
| Shielded           | Yes  |
| Voltage - Maximum  | 125V |

**Solder Process Data**

|                                                |                        |
|------------------------------------------------|------------------------|
| Duration at Max. Process Temperature (seconds) | 5                      |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 260                    |

**Material Info**

**Reference - Drawing Numbers**

|                         |                             |
|-------------------------|-----------------------------|
| Packaging Specification | PK-43202-004                |
| Product Specification   | PS-43202-001, RPS-43202-002 |
| Sales Drawing           | SDA-43202                   |

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NOTES:

1) MATERIAL:

HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: SEE SHEETS 5 AND 6  
INSULATOR: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: SEE SHEETS 5 AND 6  
TERMINALS: PHOSPHOR BRONZE, .012/ 0.30 THICK  
SHIELD: BRASS, .007/ 0.18 THICK

2) FINISH:

TERMINALS:

A = SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 1.27 MICROMETERS MIN.,  
\*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,  
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 1.27 MICROMETERS MIN.  
B = SELECT GOLD IN CONTACT AREA: 30 MICROINCHES / 0.76 MICROMETERS MIN.,  
\*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,  
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 1.27 MICROMETERS MIN.  
\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS  
DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD  
IN THE PC TAILS AND/OR SHIELD.

SHIELD:

100 MICROINCHES / 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES / 1.27  
MICROMETERS COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN

3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43202.

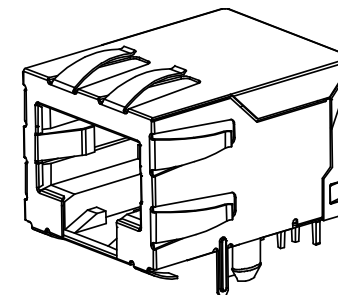
4) PACKAGING SPECIFICATION:

UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS  
PER MOLEX PACKAGING SPECIFICATION PK-43202-003.  
UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TUBES  
PER MOLEX PACKAGING SPECIFICATION PK-43202-005.  
SHIELDED CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS  
PER MOLEX PACKAGING SPECIFICATION PK-43202-004.

5) SEE SHEETS 7 - 9 FOR P.C. BOARD LAYOUTS.

6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.



SHIELDED MODULAR JACK  
SHOWN WITH PANEL GROUND  
OPTION 'D' AND FRONT  
PCB GROUND TABS.

## DRAWING LEGEND

SHEET 1- NOTES, DRAWING LEGEND  
SHEET 2- SHIELDED MODULAR JACK W/ BOTTOM GROUND TABS  
SHEET 3- SHIELDED MODULAR JACK W/O BOTTOM GROUND TABS  
SHEET 4- UNSHIELDED MODULAR JACK  
SHEET 5- PART NUMBER CHARTS  
SHEET 6- PART NUMBER CHARTS  
SHEET 7- FOOTPRINT LAYOUT FOR 4 POSITION HOUSING  
SHEET 8- FOOTPRINT LAYOUT FOR 6 POSITION HOUSING  
SHEET 9- FOOTPRINT LAYOUT FOR 8 POSITION HOUSING

|                                                                                                                          |             |                                                  |                                                            |       |                          |                 |                    |                                                                                                                                  |                        |           |  |  |
|--------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------|------------------------------------------------------------|-------|--------------------------|-----------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------|--|--|
| OBS COLORED JACKS<br>EC NO: UCP2008-1189<br>DRAWN:JBELL 2007/11/30<br>CHKD:LSCHMIDT 2008/02/20<br>APPR:FSM/TH 2008/03/04 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |       | DIMENSION STYLE<br>IN/MM |                 | SCALE<br>4:1       | DESIGN UNITS<br>INCH                                                                                                             | THIRD ANGLE PROJECTION |           |  |  |
|                                                                                                                          |             |                                                  |                                                            | mm    | INCH                     | DRAWN BY<br>JTR | DATE<br>1993/03/31 | TITLE<br>ULTRA LOW PROFILE<br>RIGHT ANGLE MODULAR JACK<br>ASSEMBLY<br><div>moLEX</div> MOLEX INCORPORATED                        |                        |           |  |  |
|                                                                                                                          |             |                                                  | 4 PLACES                                                   | ±---  | ±---                     | CHECKED BY      | DATE               |                                                                                                                                  |                        |           |  |  |
|                                                                                                                          |             |                                                  | 3 PLACES                                                   | ±---  | ±.010                    | JTR             | 1993/03/31         |                                                                                                                                  |                        |           |  |  |
|                                                                                                                          |             |                                                  | 2 PLACES                                                   | ±0.25 | ±.014                    | APPROVED BY     | DATE               |                                                                                                                                  |                        |           |  |  |
|                                                                                                                          |             |                                                  | 1 PLACE                                                    | ±0.36 | ±---                     | RAS             | 1993/03/31         |                                                                                                                                  |                        |           |  |  |
|                                                                                                                          |             |                                                  | ANGULAR ±1/2°                                              |       |                          | MATERIAL NO.    |                    | DOCUMENT NO.                                                                                                                     |                        | SHEET NO. |  |  |
|                                                                                                                          |             |                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |                          | SEE SHTS 5&6    |                    | SDA-43202                                                                                                                        |                        | 1 OF 9    |  |  |
|                                                                                                                          |             |                                                  |                                                            |       |                          | SIZE            |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |           |  |  |
|                                                                                                                          |             |                                                  |                                                            |       |                          |                 |                    |                                                                                                                                  |                        |           |  |  |
|                                                                                                                          |             |                                                  |                                                            |       |                          |                 |                    |                                                                                                                                  |                        |           |  |  |

|    |     |
|----|-----|
| 9  | L2  |
| 8  | L2  |
| 7  | L2  |
| 6  | L4  |
| 5  | L   |
| 4  | K2  |
| 3  | L1  |
| 2  | L1  |
| 1  | L4  |
| SH | REV |

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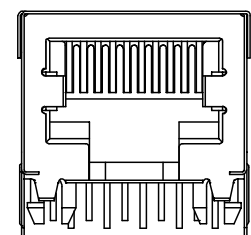
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43202

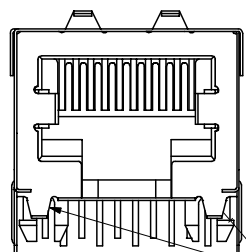
## SHIELDED MODULAR JACK W/BOTTOM GROUND TABS

SIZE 8 LOADED 10 VERSION SHOWN

## SIDE/TOP GROUND TAB OPTIONS FOR SHIELDS



OPTION "A"  
NO TOP OR SIDE TABS

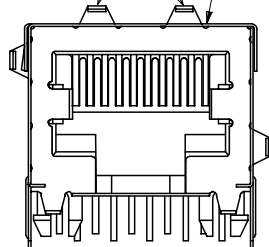


OPTION "B"  
TOP TABS

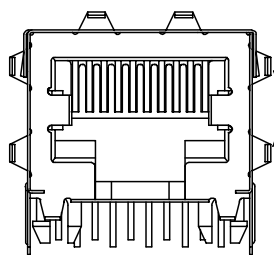
BOTTOM  
GROUND TABS

OPTIONAL TOP GROUND TABS

SHIELDED MODULAR JACK ASSEMBLY  
SEE SHEET 5 FOR MATERIAL NO.

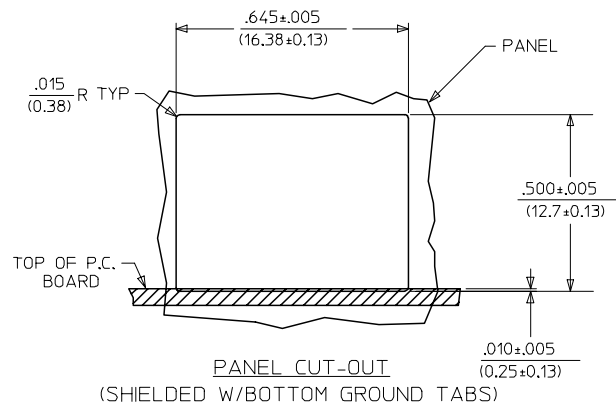
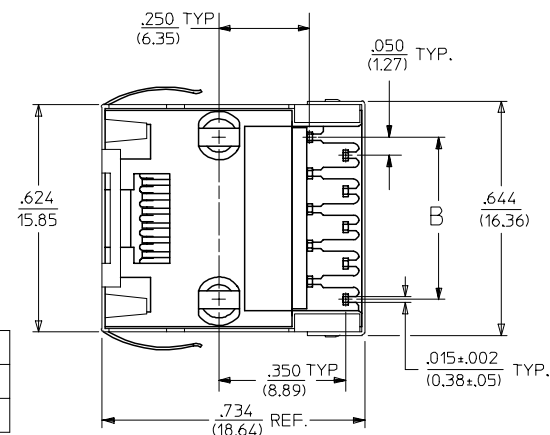
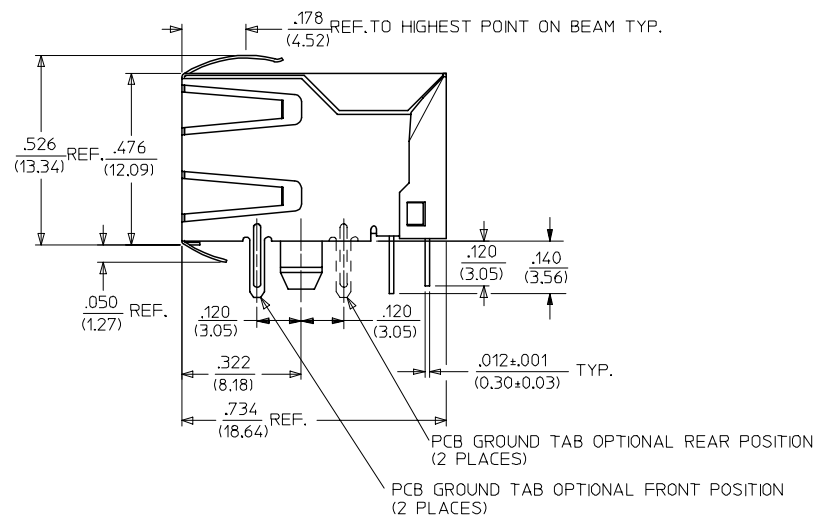


OPTION "C"  
TOP AND STAGGERED SIDE TABS



OPTION "D"  
TOP AND SIDE TABS

OPTIONAL SIDE  
GROUND TABS  
(2 PLACES)



| HOUSING SIZE | CIRCUIT SIZE | B                      |
|--------------|--------------|------------------------|
| 8            | 10           | .450±.005<br>11.43±.13 |
| 8            | 8            | .350±.005<br>8.89±.13  |

|                                                                                                                                    |                             |                                                                                                                                                                                                                                 |                                                                                                                                                              |                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SEE SHEET ONE<br>FC NO: UCP2004-1888<br>DRAWN: SCHMIDT 2004/03/31<br>CHKD: SCHMIDT 2004/03/31<br>APPR: FSMITH 2004/03/31<br>REV L1 | QUALITY SYMBOLS<br>-0<br>-0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± 0.25 ± .014<br>1 PLACE ± 0.36 ± ---<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | SCALE 4:1<br>DESIGN UNITS INCH<br>DIMENSION STYLE IN/MM<br>DRAWN BY JTR DATE 1993/03/31<br>CHECKED BY JTR DATE 1993/03/31<br>APPROVED BY RAS DATE 1993/03/31 | THIRD ANGLE PROJECTION<br>REVISE ON CAD ONLY<br>TITLE<br>ULTRA LOW PROFILE<br>RIGHT ANGLE MODULAR JACK<br>ASSEMBLY<br>molex MOLEX INCORPORATED<br>MATERIAL NO. SEE SHT 5<br>DOCUMENT NO. SDA-43202<br>SHEET NO. 2 OF 9 |
|                                                                                                                                    |                             |                                                                                                                                                                                                                                 |                                                                                                                                                              |                                                                                                                                                                                                                        |

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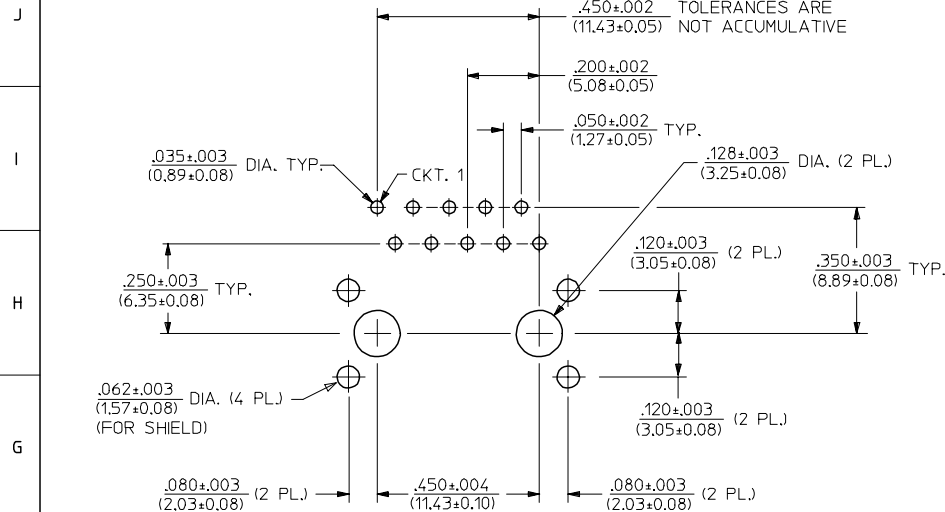
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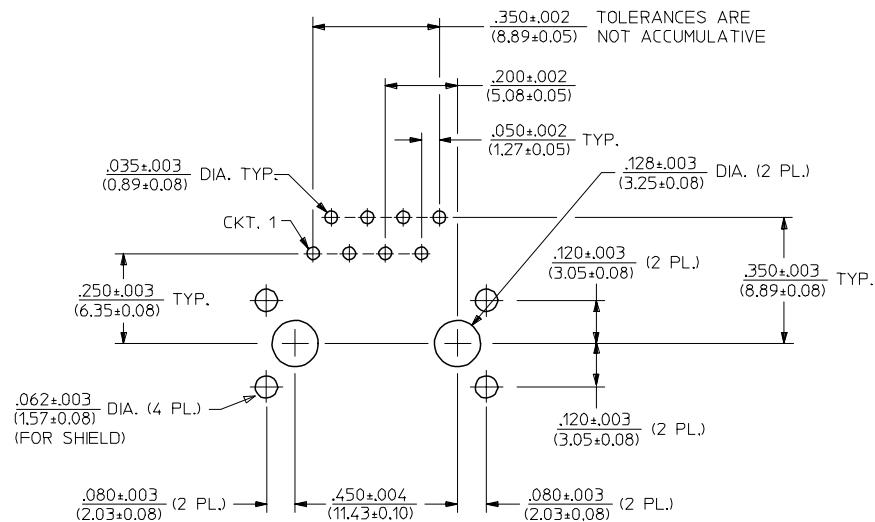
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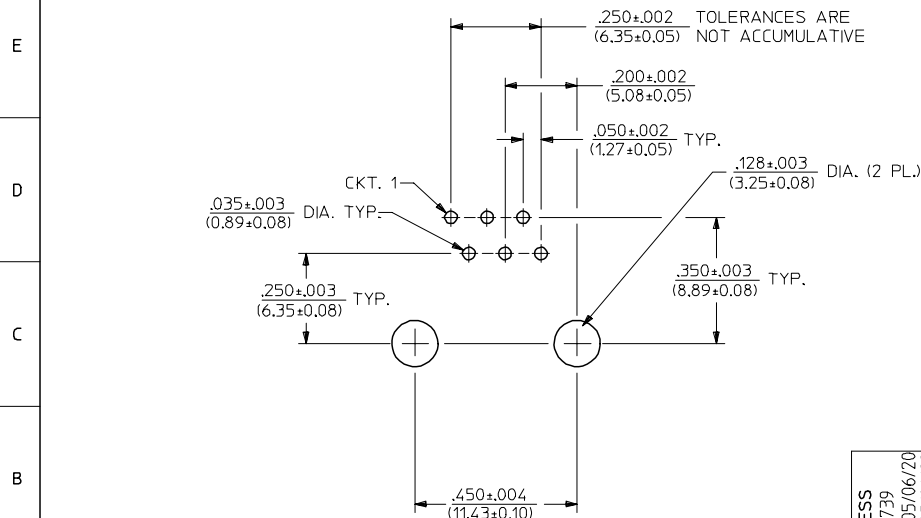
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 13                                                    | 12             | 11                                                      | 10                               | 9                     | 8                         | 7                        | 6                      | 5                                                                  | 4                  | 3 | 2 | 43202 |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SHIELDED MODULAR JACKS W/BOTTOM GROUND TABS (SHEET 2) |                |                                                         |                                  |                       |                           |                          |                        |                                                                    |                    |   |   |       |                                                                                                                  | J                                                    |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 43202-8900                                            | 8              | 10                                                      | A                                | FRONT POSITION        | A                         | TRAY                     | BLACK                  |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 43202-8909                                            | 8              | 10                                                      | B                                | REAR POSITION         | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 43202-8910                                            | 8              | 10                                                      | C                                | REAR POSITION         | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 43202-8911                                            | 8              | 10                                                      | D                                | REAR POSITION         | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 43202-8916                                            | 8              | 8                                                       | A                                | FRONT POSITION        | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 43202-8917                                            | 8              | 8                                                       | B                                | FRONT POSITION        | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 43202-8918                                            | 8              | 8                                                       | C                                | FRONT POSITION        | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 43202-8919                                            | 8              | 8                                                       | D                                | FRONT POSITION        | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 43202-8924                                            | 8              | 8                                                       | A                                | REAR POSITION         | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 43202-8925                                            | 8              | 8                                                       | B                                | REAR POSITION         | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 43202-8926                                            | 8              | 8                                                       | C                                | REAR POSITION         | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 43202-8927                                            | 8              | 8                                                       | D                                | REAR POSITION         | A                         | TRAY                     |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                |                                                         |                                  |                       |                           |                          |                        |                                                                    |                    |   |   |       | F                                                                                                                |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                |                                                         |                                  |                       |                           |                          |                        |                                                                    |                    |   |   |       | E                                                                                                                |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                |                                                         |                                  |                       |                           |                          |                        |                                                                    |                    |   |   |       | D                                                                                                                |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                |                                                         |                                  |                       |                           |                          |                        |                                                                    |                    |   |   |       | C                                                                                                                |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                |                                                         |                                  |                       |                           |                          |                        |                                                                    |                    |   |   |       | B                                                                                                                |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                |                                                         |                                  |                       |                           |                          |                        |                                                                    |                    |   |   |       | A                                                                                                                |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table><tr><td rowspan="5">SEE SHEET 1<br/>EC NO: UCP2004-1347<br/>DRWN:MKAMARA0004/02/09<br/>CHKD:MKAMARA0004/02/09<br/>APPR:BMWKUS 2004/02/10</td><td rowspan="5">QUALITY SYMBOLS<br/><div>▽ - 0</div><div>▽ - 0</div></td><td rowspan="5">DESCRIPTION</td><td colspan="3">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td>SCALE<br/>4:1</td><td>DESIGN UNITS<br/>INCH</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="3">REVISE ON CAD ONLY</td></tr><tr><td rowspan="4">DRAFT WHERE APPLICABLE<br/>MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">mm</td><td>INCH</td><td colspan="2">DIMENSION STYLE<br/>IN/MM</td><td colspan="2">TITLE<br/>ULTRA LOW PROFILE<br/>RIGHT ANGLE MODULAR JACK<br/>ASSEMBLY</td></tr><tr><td colspan="2">4 PLACES ± --- ± ---</td><td colspan="2">DRAWN BY<br/>JTR</td><td colspan="2">DATE<br/>1993/03/18</td></tr><tr><td colspan="2">3 PLACES ± --- ± .010</td><td colspan="2">CHECKED BY<br/>JTR</td><td colspan="2">DATE<br/>1993/03/18</td></tr><tr><td colspan="2">2 PLACES ± 0.25 ± .014</td><td colspan="2">APPROVED BY<br/>RAS</td><td colspan="2">DATE<br/>1993/03/18</td></tr><tr><td colspan="2">1 PLACE ± 0.36 ± ---</td><td colspan="2">ANGULAR ±1/2°</td><td colspan="2">MATERIAL NO.<br/>SEE CHART</td><td colspan="2">DOCUMENT NO.<br/>SDA-43202</td><td colspan="2">SHEET NO.<br/>5 OF 9</td></tr><tr><td colspan="11">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td><td colspan="3"></td></tr></table> |                                                       |                |                                                         |                                  |                       |                           |                          |                        |                                                                    |                    |   |   |       | SEE SHEET 1<br>EC NO: UCP2004-1347<br>DRWN:MKAMARA0004/02/09<br>CHKD:MKAMARA0004/02/09<br>APPR:BMWKUS 2004/02/10 | QUALITY SYMBOLS<br><div>▽ - 0</div> <div>▽ - 0</div> | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) |  |  | SCALE<br>4:1 | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |  | REVISE ON CAD ONLY |  |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | mm |  | INCH | DIMENSION STYLE<br>IN/MM |  | TITLE<br>ULTRA LOW PROFILE<br>RIGHT ANGLE MODULAR JACK<br>ASSEMBLY |  | 4 PLACES ± --- ± --- |  | DRAWN BY<br>JTR |  | DATE<br>1993/03/18 |  | 3 PLACES ± --- ± .010 |  | CHECKED BY<br>JTR |  | DATE<br>1993/03/18 |  | 2 PLACES ± 0.25 ± .014 |  | APPROVED BY<br>RAS |  | DATE<br>1993/03/18 |  | 1 PLACE ± 0.36 ± --- |  | ANGULAR ±1/2° |  | MATERIAL NO.<br>SEE CHART |  | DOCUMENT NO.<br>SDA-43202 |  | SHEET NO.<br>5 OF 9 |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEE SHEET 1<br>EC NO: UCP2004-1347<br>DRWN:MKAMARA0004/02/09<br>CHKD:MKAMARA0004/02/09<br>APPR:BMWKUS 2004/02/10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | QUALITY SYMBOLS<br><div>▽ - 0</div> <div>▽ - 0</div>  | DESCRIPTION    | GENERAL TOLERANCES (UNLESS SPECIFIED)                   |                                  |                       | SCALE<br>4:1              | DESIGN UNITS<br>INCH     | THIRD ANGLE PROJECTION |                                                                    | REVISE ON CAD ONLY |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |                | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | mm                               |                       | INCH                      | DIMENSION STYLE<br>IN/MM |                        | TITLE<br>ULTRA LOW PROFILE<br>RIGHT ANGLE MODULAR JACK<br>ASSEMBLY |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |                |                                                         | 4 PLACES ± --- ± ---             |                       | DRAWN BY<br>JTR           |                          | DATE<br>1993/03/18     |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |                |                                                         | 3 PLACES ± --- ± .010            |                       | CHECKED BY<br>JTR         |                          | DATE<br>1993/03/18     |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |                |                                                         | 2 PLACES ± 0.25 ± .014           |                       | APPROVED BY<br>RAS        |                          | DATE<br>1993/03/18     |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 PLACE ± 0.36 ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       | ANGULAR ±1/2°  |                                                         | MATERIAL NO.<br>SEE CHART        |                       | DOCUMENT NO.<br>SDA-43202 |                          | SHEET NO.<br>5 OF 9    |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       |                |                                                         |                                  |                       |                           |                          |                        |                                                                    |                    |   |   |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12                                                    | 11             | 10                                                      | 9                                | 8                     | 7                         | 6                        | 5                      | 4                                                                  | 3                  | 2 | 1 |       |                                                                                                                  |                                                      |             |                                       |  |  |              |                      |                        |  |                    |  |  |                                                         |    |  |      |                          |  |                                                                    |  |                      |  |                 |  |                    |  |                       |  |                   |  |                    |  |                        |  |                    |  |                    |  |                      |  |               |  |                           |  |                           |  |                     |  |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



PC BOARD LAYOUT FOR 8 POSITION HOUSING  
(10 CIRCUIT FOOTPRINT SHOWN)  
(COMPONENT SIDE OF BOARD)



PC BOARD LAYOUT FOR 8 POSITION HOUSING  
(8 CIRCUIT FOOTPRINT SHOWN)  
(COMPONENT SIDE OF BOARD)



PC BOARD LAYOUT FOR 8 POSITION HOUSING  
(6 CIRCUIT FOOTPRINT SHOWN)  
(COMPONENT SIDE OF BOARD)

NOTES:  
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

|                                                                                                                           |             |                                                                                                                               |                                       |       |              |                      |                          |                                                           |                    |  |              |              |           |
|---------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------|--------------|----------------------|--------------------------|-----------------------------------------------------------|--------------------|--|--------------|--------------|-----------|
| ADD PCB THICKNESS<br>EC NO: UCP2005-2739<br>DRAWN: SCHMIDT 2005/06/20<br>CHKD: ELHAS 2005/06/22<br>APPR: FSMTH 2005/06/23 | DESCRIPTION | QUALITY SYMBOLS                                                                                                               | GENERAL TOLERANCES (UNLESS SPECIFIED) |       | SCALE<br>4:1 | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION   |                                                           | REVISE ON CAD ONLY |  |              |              |           |
|                                                                                                                           |             |                                                                                                                               |                                       | mm    | INCH         | DIMENSION STYLE      |                          | TITLE                                                     |                    |  |              |              |           |
|                                                                                                                           |             | ▽ - 0                                                                                                                         | 4 PLACES                              | ±---  | ±---         | IN/MM                |                          | ULTRA LOW PROFILE<br>RIGHT ANGLE MODULAR JACK<br>ASSEMBLY |                    |  |              |              |           |
|                                                                                                                           |             |                                                                                                                               | 3 PLACES                              | ±---  | ±.010        | DRAWN BY             | DATE                     |                                                           |                    |  |              |              |           |
|                                                                                                                           |             |                                                                                                                               | 2 PLACES                              | ±0.25 | ±.014        | L.E. LENZ            | 1995/03/09               |                                                           |                    |  |              |              |           |
|                                                                                                                           |             |                                                                                                                               | 1 PLACE                               | ±0.36 | ±---         | CHECKED BY           | DATE                     |                                                           |                    |  |              |              |           |
|                                                                                                                           |             | ▽ - 0                                                                                                                         | ANGULAR ±1/2°                         |       | JTR          | 1995/03/09           | MOLEX MOLEX INCORPORATED |                                                           |                    |  |              |              |           |
|                                                                                                                           |             |                                                                                                                               | DRAFT WHERE APPLICABLE                |       | APPROVED BY  | DATE                 |                          |                                                           |                    |  |              |              |           |
|                                                                                                                           |             |                                                                                                                               | MUST REMAIN<br>WITHIN DIMENSIONS      |       | RAS          | 1995/03/09           |                          |                                                           |                    |  | MATERIAL NO. | DOCUMENT NO. | SHEET NO. |
|                                                                                                                           |             |                                                                                                                               |                                       |       | SEE SHTS 5&6 |                      |                          |                                                           |                    |  | SDA-43202    | 9 OF 9       |           |
|                                                                                                                           |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |       |              |                      |                          |                                                           |                    |  |              |              |           |

ADD PCB THICKNESS  
EC NO: UCP2005-2739  
DRAWN: SCHMIDT 2005/06/20  
CHKD: ELHAG 2005/06/22  
APPR: FSMITH 2005/06/23  
REV L2

DESCRIPTION  
REV



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

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