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**Part Number:** [0019092042](#)  
**Status:** **Active**  
**Overview:** [standard\\_093](#)  
**Description:** 2.36mm (.093") Diameter, .093" Pin and Socket Plug Housing with Positive Latch, 4 Circuits, Without Mounting Ears

**Documents:**

|                                                      |                                                         |
|------------------------------------------------------|---------------------------------------------------------|
| <a href="#">3D Model</a>                             | <a href="#">Product Specification PS-1991-013 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                        | <a href="#">Product Specification PS-1991-014 (PDF)</a> |
| <a href="#">Packaging Specification (PDF)</a>        | <a href="#">RoHS Certificate of Compliance (PDF)</a>    |
| <a href="#">Product Specification PS-02-09 (PDF)</a> |                                                         |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| TUV | R95725  |
| UL  | E29179  |

**General**

|                |                                                                                      |
|----------------|--------------------------------------------------------------------------------------|
| Product Family | Crimp Housings                                                                       |
| Series         | <a href="#">1991</a>                                                                 |
| Comments       | Glow Wire Equivalent Part Number <a href="#">50361743</a> . Polarized to Mating Part |
| Overview       | <a href="#">standard_093</a>                                                         |
| Product Name   | Standard .093"                                                                       |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Breakaway                     | No              |
| Circuits (maximum)            | 4               |
| Circuits Detail               | 2x2             |
| Color - Resin                 | Natural         |
| Flammability                  | 94V-2           |
| Gender                        | Female          |
| Glow-Wire Compliant           | No              |
| Keying to Mating Part         | None            |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Nylon           |
| Number of Rows                | 1               |
| Packaging Type                | Bag             |
| Panel Mount                   | No              |
| Pitch - Mating Interface (in) | 0.248 In        |
| Pitch - Mating Interface (mm) | 6.30 mm         |
| Polarized to Mating Part      | Yes             |
| Stackable                     | No              |
| Temperature Range - Operating | -40°C to +105°C |

**Electrical**

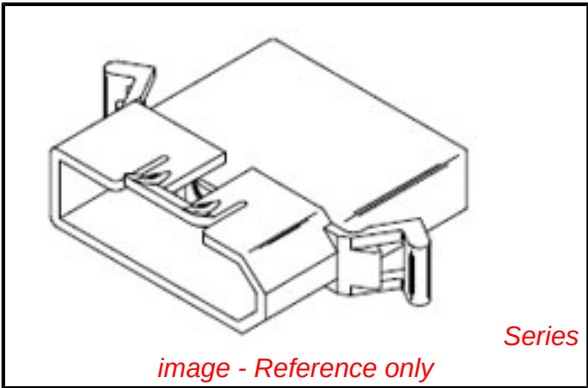
|                               |    |
|-------------------------------|----|
| Current - Maximum per Contact | 9A |
|-------------------------------|----|

**Material Info**

|                 |           |
|-----------------|-----------|
| Old Part Number | 1991-04P1 |
|-----------------|-----------|

**Reference - Drawing Numbers**

|                       |                                    |
|-----------------------|------------------------------------|
| Product Specification | PS-02-09, PS-1991-013, PS-1991-014 |
| Sales Drawing         | SD-1991-4*                         |



**EU RoHS**

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

**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**

[1991Series](#)

**Mates With**

[19-09-1042](#) Receptacle, [19-09-1043](#) Receptacle

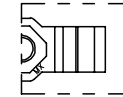
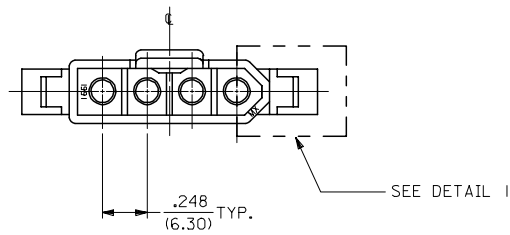
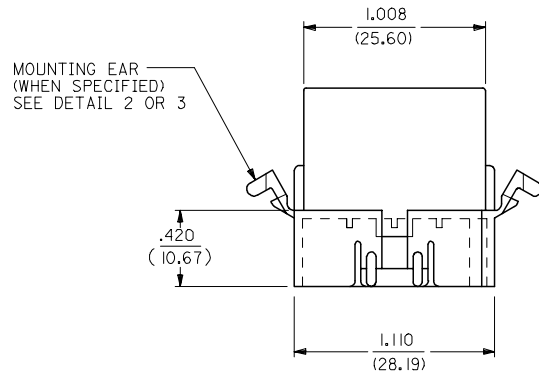
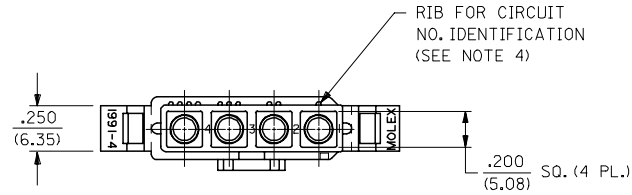
**Use With**

[1189](#) Crimp Terminals, [1190](#) Crimp Terminals, [1380](#) Male Crimp Terminals, [1381](#) Female Crimp Terminals, [1433](#) Crimp Terminals, [1434](#) Male Crimp Terminals, [1973](#) , [2151](#) , [2273](#) , [2870](#) , [2871](#) , [4272](#) , [4550](#) , [6271](#) , Lin

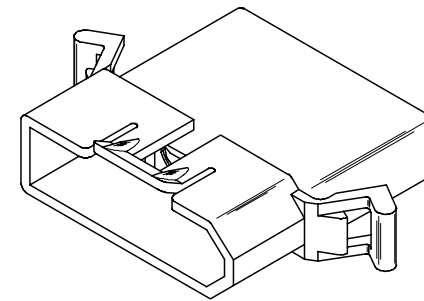
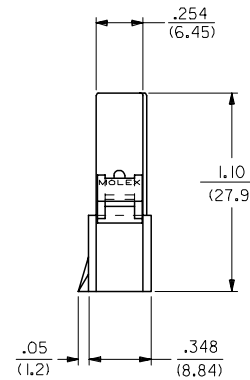
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# PLUG



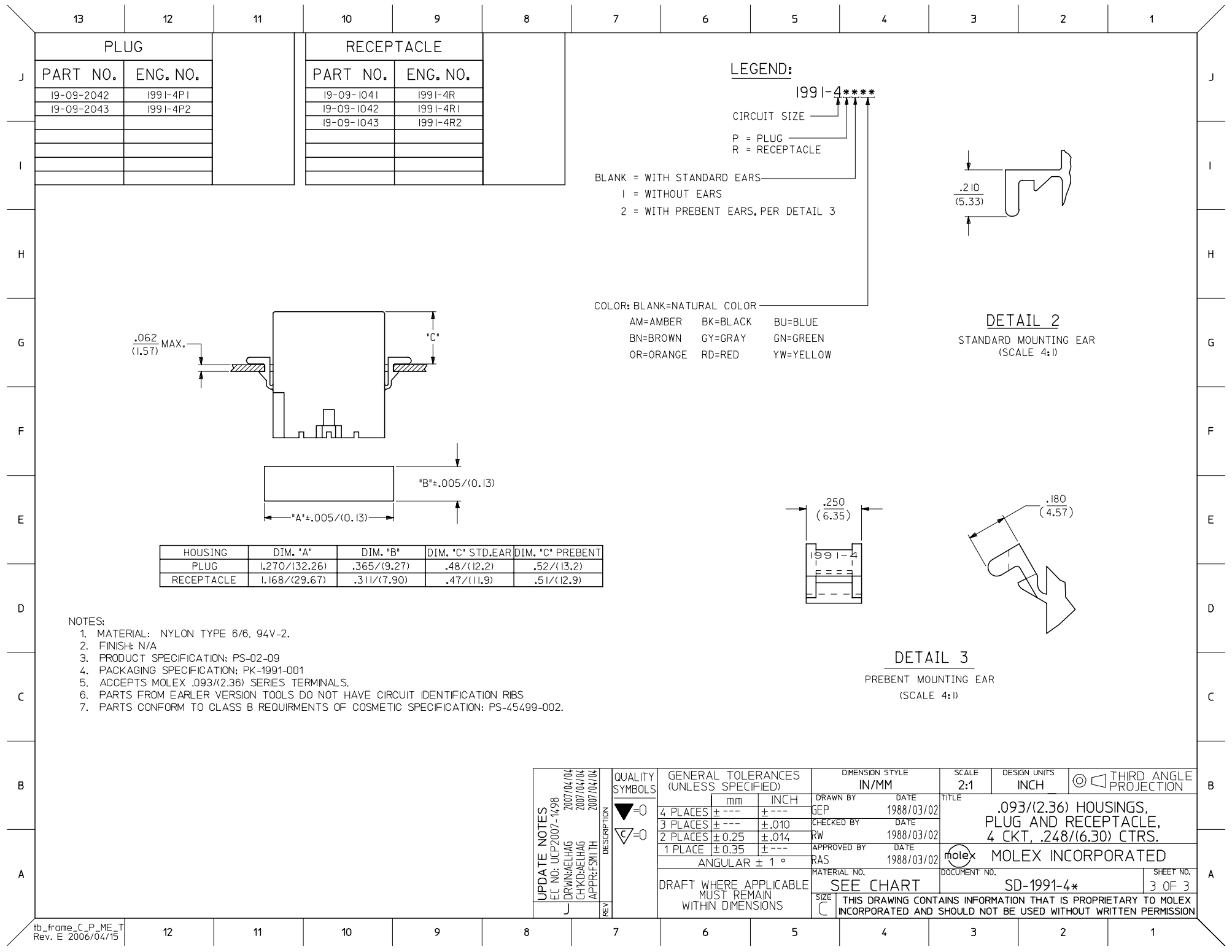
DETAIL 1



PLUG HOUSING

|      |      |
|------|------|
| 3    | J    |
| 2    | J    |
| 1    | J    |
| SHT. | REV. |

|                                                                                                                               |             |                            |                                                            |        |                          |            |                                                                                        |                      |                        |  |  |
|-------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------|------------------------------------------------------------|--------|--------------------------|------------|----------------------------------------------------------------------------------------|----------------------|------------------------|--|--|
| UPDATE TITLE BLOCK<br>EC NO: UCP2007-1498<br>DRWN: AELHAG 2007/04/04<br>CHKD: AELHAG 2007/04/04<br>APPR: FSM TH 2007/04/04    | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>IN/MM |            | SCALE<br>2:1                                                                           | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |  |  |
|                                                                                                                               |             |                            | mm                                                         | INCH   | DRAWN BY                 | DATE       | TITLE<br><br>.093/(2.36) HOUSINGS,<br>PLUG AND RECEPTACLE,<br>4 CKT, .248/(6.30) CTRS. |                      |                        |  |  |
|                                                                                                                               |             |                            | 4 PLACES ± .005                                            | ± .005 | GEP                      | 1988/03/01 |                                                                                        |                      |                        |  |  |
|                                                                                                                               |             |                            | 3 PLACES ± .010                                            | ± .010 | CHECKED BY               | DATE       | MOLEX INCORPORATED                                                                     |                      |                        |  |  |
|                                                                                                                               |             |                            | 2 PLACES ± 0.25                                            | ± .014 | RW                       | 1988/03/01 |                                                                                        |                      |                        |  |  |
|                                                                                                                               |             |                            | 1 PLACE ± 0.35                                             | ± .014 | APPROVED BY              | DATE       | SD-1991-4*                                                                             |                      |                        |  |  |
|                                                                                                                               |             |                            | ANGULAR ± 1 °                                              |        | RAS                      | 1988/03/01 |                                                                                        |                      |                        |  |  |
|                                                                                                                               |             |                            | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | MATERIAL NO.             |            | DOCUMENT NO.                                                                           |                      | SHEET NO.              |  |  |
|                                                                                                                               |             |                            |                                                            |        | SEE CHART                |            |                                                                                        |                      | 1 OF 3                 |  |  |
|                                                                                                                               |             |                            |                                                            |        | SIZE                     |            |                                                                                        |                      |                        |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |             |                            |                                                            |        |                          |            |                                                                                        |                      |                        |  |  |



|                                                                                                                       |                                     |             |                                                                                                                                      |        |                          |                          |                     |                                                                                    |                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------|--------------------------|---------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| UPDATE NOTES<br>EC NO: UCP2007-1498<br>DRAWN: AELHAG 2007/04/04<br>CHKD: AELHAG 2007/04/04<br>APPR: FSM TH 2007/04/04 | QUALITY SYMBOLS<br><br>=0<br><br>=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                |        | DIMENSION STYLE<br>IN/MM |                          | SCALE<br>2:1        | DESIGN UNITS<br>INCH                                                               |  THIRD ANGLE<br>PROJECTION |
|                                                                                                                       |                                     |             |                                                                                                                                      | mm     | INCH                     | DRAWN BY<br>GEP          | DATE<br>1988/03/02  | TITLE<br>.093/(2.36) HOUSINGS,<br>PLUG AND RECEPTACLE,<br>4 CKT, .248/(6.30) CTRS. |                                                                                                                 |
|                                                                                                                       |                                     |             | 4 PLACES                                                                                                                             | ± .--- | ± .---                   | CHECKED BY<br>RW         | DATE<br>1988/03/02  |                                                                                    |                                                                                                                 |
|                                                                                                                       |                                     |             | 3 PLACES                                                                                                                             | ± .--- | ± .010                   | MOLEX MOLEX INCORPORATED |                     |                                                                                    |                                                                                                                 |
|                                                                                                                       |                                     |             | 2 PLACES                                                                                                                             | ± 0.25 | ± .014                   |                          |                     |                                                                                    |                                                                                                                 |
|                                                                                                                       |                                     |             | 1 PLACE                                                                                                                              | ± 0.35 | ± .---                   | APPROVED BY<br>RAS       | DATE<br>1988/03/02  |                                                                                    |                                                                                                                 |
|                                                                                                                       |                                     |             | ANGULAR ± 1 °                                                                                                                        |        | MATERIAL NO.             | DOCUMENT NO.             | SHEET NO.<br>3 OF 3 |                                                                                    |                                                                                                                 |
|                                                                                                                       |                                     |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                           |        | SEE CHART                |                          | SD-1991-4*          |                                                                                    |                                                                                                                 |
| REV                                                                                                                   |                                     |             | SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |                          |                          |                     |                                                                                    |                                                                                                                 |



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- 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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