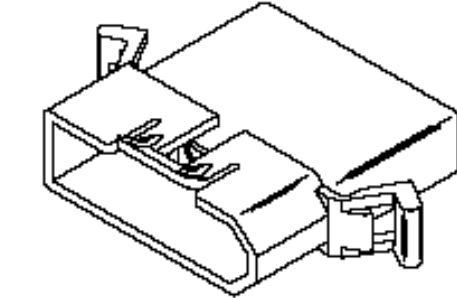


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0050361693  
**Status:** Active  
**Overview:** standard\_093  
**Description:** 2.36mm (.093") Diameter, .093" Pin and Socket Plug Housing with Positive Latch, 4 Circuits, With Prebent Mounting Ears, Glow Wire Compatible



Series

image - Reference only

**Documents:**

- 3D Model
- Packaging Specification (PDF)
- Drawing (PDF)
- Product Specification PS-02-09 (PDF)
- RoHS Certificate of Compliance (PDF)

**General**

|                |                          |
|----------------|--------------------------|
| Product Family | Crimp Housings           |
| Series         | 1991                     |
| Comments       | Polarized to Mating Part |
| Overview       | standard_093             |
| Product Name   | Standard .093"           |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Breakaway                     | No              |
| Circuits (maximum)            | 4               |
| Circuits Detail               | 1x4             |
| Color - Resin                 | Black           |
| Gender                        | Plug            |
| Glow-Wire Compliant           | Yes             |
| 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         |
| Pitch - Term. Interface (in)  | 0.248 In        |
| Pitch - Term. Interface (mm)  | 6.30 mm         |
| Polarized to Mating Part      | Yes             |
| Ports                         | 1               |
| Stackable                     | No              |
| Temperature Range - Operating | -40°C to +105°C |

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 1991-4P2-1 |
|-----------------|------------|

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-02-09     |
| Sales Drawing         | SD-1991-4**1 |

**EU RoHS**

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

**China RoHS**



Not Reviewed

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**

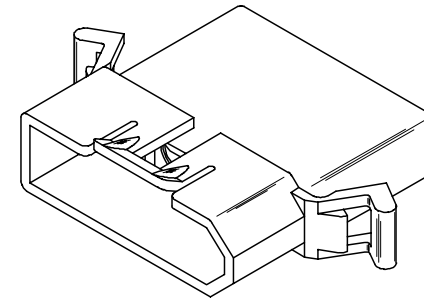
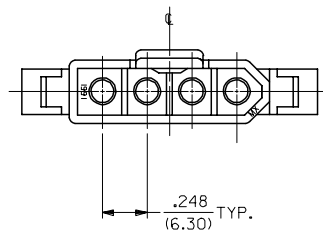
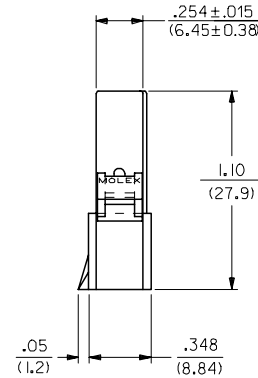
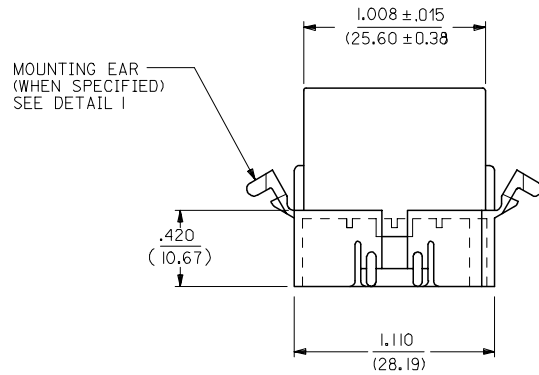
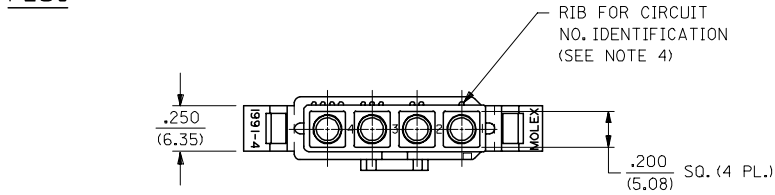
50-36-1692 Pin and Socket Receptacle

**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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

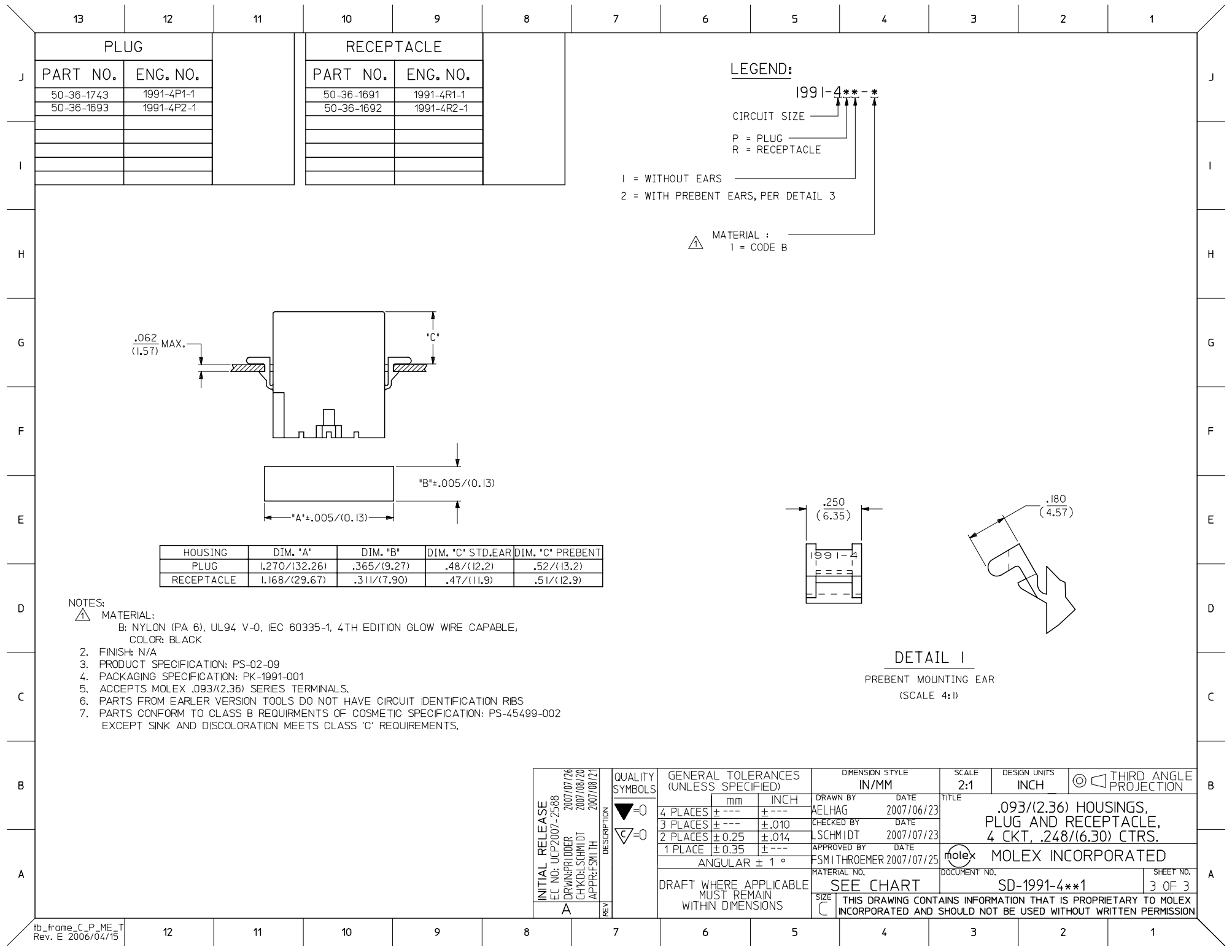
# PLUG



PLUG HOUSING

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

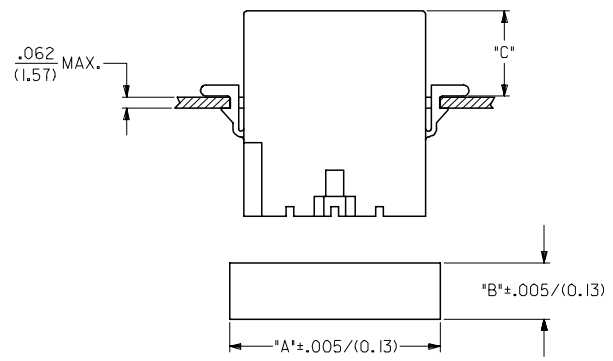
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               |                         |                     |                                                                           |              |                        |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|---------------------------------------------------------------------------|--------------|------------------------|--|--|
| <div>INITIAL RELEASE</div> <div>EC NO: UCP2007-2588</div> <div>DRWN:PRD/DER 2007/07/26</div> <div>CHKD:L.SCHMIDT 2007/08/20</div> <div>APPR:FSM TH 2007/08/21</div> <div>A</div> |  | <div>QUALITY SYMBOLS</div> <div>▽=0</div> <div>▽=0</div>   | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                               | DIMENSION STYLE         |                     | SCALE                                                                     | DESIGN UNITS | THIRD ANGLE PROJECTION |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               | IN/MM                   |                     | 2:1                                                                       | INCH         |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               | DRAWN BY DATE           |                     | TITLE                                                                     |              |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               | AELHAG 2007/06/23       |                     |                                                                           |              |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               | CHECKED BY DATE         |                     | .093/(2.36) HOUSINGS,<br>PLUG AND RECEPTACLE,<br>4 CKT, .248/(6.30) CTRS. |              |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               | L.SCHMIDT 2007/07/23    |                     |                                                                           |              |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               | APPROVED BY DATE        |                     | MOLEX MOLEX INCORPORATED                                                  |              |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               | FSM THROEMER 2007/07/25 |                     |                                                                           |              |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               | MATERIAL NO.            |                     | DOCUMENT NO.                                                              |              |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               | SEE CHART               |                     |                                                                           |              |                        |  |  |
|                                                                                                                                                                                  |  | SIZE C                                                     |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                         |                     |                                                                           |              |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               |                         |                     |                                                                           |              |                        |  |  |
|                                                                                                                                                                                  |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                       |                                                                                                                               |                         | SD-1991-4**1        |                                                                           |              |                        |  |  |
|                                                                                                                                                                                  |  |                                                            |                                       |                                                                                                                               |                         | SHEET NO.<br>1 OF 3 |                                                                           |              |                        |  |  |



13 12 11 10 9 8 7 6 5 4 3 2 1

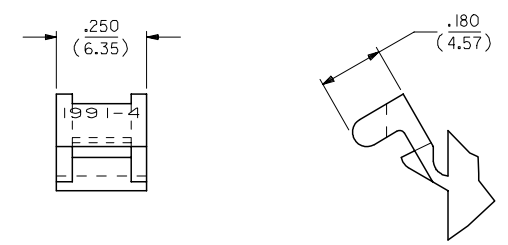
| PLUG       |            | RECEPTACLE |            |
|------------|------------|------------|------------|
| PART NO.   | ENG. NO.   | PART NO.   | ENG. NO.   |
| 50-36-1743 | 1991-4P1-1 | 50-36-1691 | 1991-4R1-1 |
| 50-36-1693 | 1991-4P2-1 | 50-36-1692 | 1991-4R2-1 |
|            |            |            |            |
|            |            |            |            |
|            |            |            |            |
|            |            |            |            |

LEGEND:  
1991-4\*\*-\*  
CIRCUIT SIZE  
P = PLUG  
R = RECEPTACLE  
1 = WITHOUT EARS  
2 = WITH PREBENT EARS, PER DETAIL 3  
MATERIAL:  
1 = CODE B



| HOUSING    | DIM. "A"      | DIM. "B"    | DIM. "C" STD. EAR | DIM. "C" PREBENT |
|------------|---------------|-------------|-------------------|------------------|
| PLUG       | 1.270/(32.26) | .365/(9.27) | .48/(12.2)        | .52/(13.2)       |
| RECEPTACLE | 1.168/(29.67) | .311/(7.90) | .47/(11.9)        | .51/(12.9)       |

NOTES:  
1. MATERIAL:  
B: NYLON (PA 6), UL94 V-0, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE,  
COLOR: BLACK  
2. FINISH: N/A  
3. PRODUCT SPECIFICATION: PS-02-09  
4. PACKAGING SPECIFICATION: PK-1991-001  
5. ACCEPTS MOLEX .093/(2.36) SERIES TERMINALS.  
6. PARTS FROM EARLIER VERSION TOOLS DO NOT HAVE CIRCUIT IDENTIFICATION RIBS  
7. PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION: PS-45499-002  
EXCEPT SINK AND DISCOLORATION MEETS CLASS 'C' REQUIREMENTS.



DETAIL 1  
PREBENT MOUNTING EAR  
(SCALE 4:1)

|                                                                                          |                             |                                       |        |                                                                                                                                  |                    |                                                                                    |                      |                        |  |
|------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|----------------------|------------------------|--|
| INITIAL RELEASE<br>EC NO: UCP2007-2588<br>DRAWN BY: DER<br>CHKD: SCHMIDT<br>APPR: FSM TH | QUALITY SYMBOLS<br>=0<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<br>AELHAG                                                                                                               | DATE<br>2007/06/23 | TITLE<br>.093/(2.36) HOUSINGS,<br>PLUG AND RECEPTACLE,<br>4 CKT, .248/(6.30) CTRS. |                      |                        |  |
|                                                                                          |                             | 4 PLACES ± .010                       | ± .010 | CHECKED BY<br>SCHMIDT                                                                                                            | DATE<br>2007/07/23 |                                                                                    |                      |                        |  |
|                                                                                          |                             | 3 PLACES ± .014                       | ± .014 | APPROVED BY<br>FSM TH                                                                                                            | DATE<br>2007/07/25 | MOLEX INCORPORATED                                                                 |                      |                        |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                  |                             | ANGULAR ± 1 °                         |        | MATERIAL NO.<br>SEE CHART                                                                                                        |                    | DOCUMENT NO.<br>SD-1991-4**1                                                       |                      | SHEET NO.<br>3 OF 3    |  |
| A                                                                                        |                             | C                                     |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                    |                      |                        |  |