

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0019091152](#)  
**Status:** **Active**  
**Overview:** [standard\\_093](#)  
**Description:** 2.36mm (.093") Diameter, .093" Pin and Socket Receptacle Housing with Positive Latch, 15 Circuits, 3 Rows, Free-Hanging

**Documents:**

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

**Agency Certification**

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

**General**

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

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Breakaway                     | No              |
| Circuits (maximum)            | 15              |
| Circuits Detail               | 3x5             |
| Color - Resin                 | Natural         |
| Flammability                  | 94V-2           |
| Gender                        | Male            |
| Glow-Wire Compliant           | No              |
| Keying to Mating Part         | None            |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Nylon           |
| Number of Rows                | 3               |
| 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**

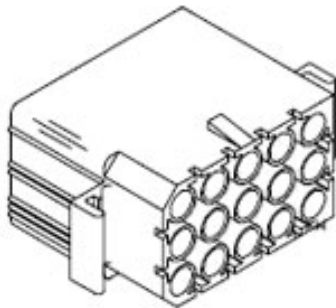
|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 7.5A |
|-------------------------------|------|

**Material Info**

|                 |           |
|-----------------|-----------|
| Old Part Number | 1991-15R1 |
|-----------------|-----------|

**Reference - Drawing Numbers**

|                         |             |
|-------------------------|-------------|
| Packaging Specification | PK-1991-002 |
| Product Specification   | PS-02-09    |
| Sales Drawing           | SD-1991-15* |



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Not Reviewed**  
**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**

[1991Series](#)

**Mates With**

[19-09-2151](#) Plug, [19-09-2153](#) Plug

**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](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

13

12

11

10

9

8

7

6

5

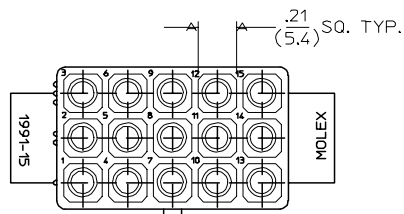
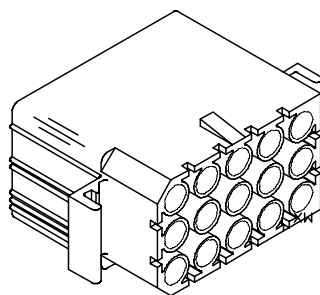
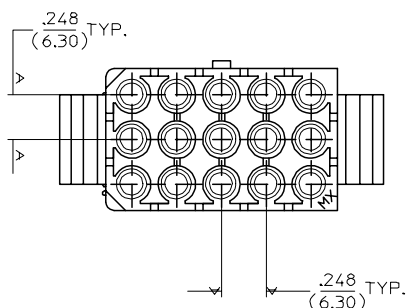
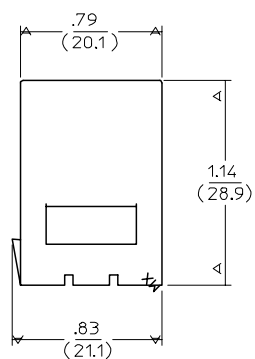
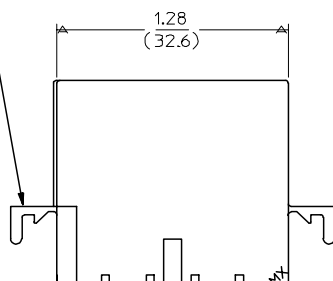
4

3

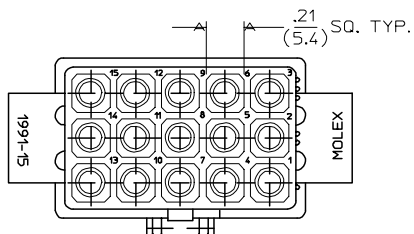
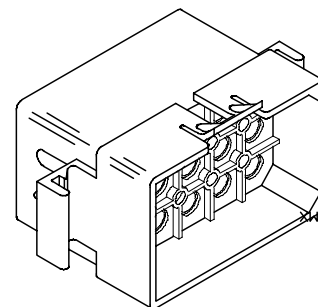
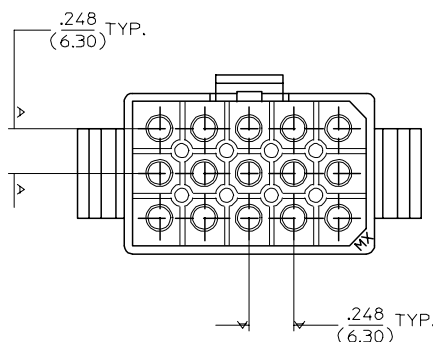
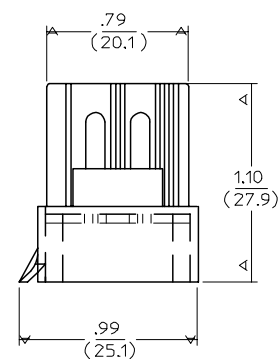
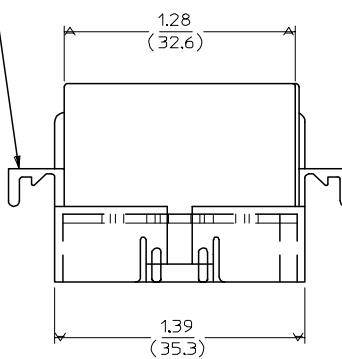
2

1

## RECEPTACLE

OPTIONAL  
MOUNTING EAR

## PLUG

OPTIONAL  
MOUNTING EAR  
OR PULL TAB

|                                                                                                                             |             |                                   |                                       |                                                                                                                                  |                          |                    |                                                                                                              |                             |                           |  |  |
|-----------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------|--|--|
| UPDATE TITLE BLOCK<br>EC NO: UCP2007-1498<br>DRAWN: AELHAG 2007/04/04<br>CHKD: AELHAG 2007/04/04<br>APPR: FSM TH 2007/04/04 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | 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>KBW          | DATE<br>1989/04/25 | TITLE<br>.093/(2.36) HOUSINGS,<br>PLUG AND RECEPTACLE,<br>15 CKT .248/(6.30) CTRS.<br><br>MOLEX INCORPORATED |                             |                           |  |  |
|                                                                                                                             |             |                                   | 4 PLACES ± .010                       | ± .010                                                                                                                           | CHECKED BY               | DATE               |                                                                                                              |                             |                           |  |  |
|                                                                                                                             |             |                                   | 3 PLACES ± .010                       | ± .010                                                                                                                           | RW                       | 1989/04/25         |                                                                                                              |                             |                           |  |  |
|                                                                                                                             |             |                                   | 2 PLACES ± 0.25                       | ± .014                                                                                                                           | APPROVED BY              | DATE               | molex                                                                                                        | DOCUMENT NO.<br>SD-1991-15* |                           |  |  |
|                                                                                                                             |             |                                   | 1 PLACE ± 0.35                        | ± .014                                                                                                                           | RAS                      | 1989/04/25         |                                                                                                              |                             |                           |  |  |
|                                                                                                                             |             |                                   | ANGULAR ±1/2°                         |                                                                                                                                  | MATERIAL NO.             |                    | SHEET NO.<br>1 OF 2                                                                                          |                             |                           |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                  |             | SEE CHART                         |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                          |                    |                                                                                                              |                             |                           |  |  |

12

11

10

9

8

7

6

5

4

3

2

1

