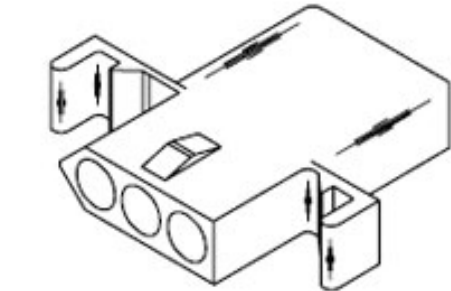


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0003097032](#)  
**Status:** **Active**  
**Overview:** [standard\\_093](#)  
**Description:** 2.36mm (.093") Diameter Standard .093 Pin and Socket Plug Housing, 3 Circuits, Single Row, Black



Series

image - Reference only

**Documents:**

- |                                               |                                                           |
|-----------------------------------------------|-----------------------------------------------------------|
| <a href="#">3D Model</a>                      | <a href="#">Product Specification PS-02-09 (PDF)</a>      |
| <a href="#">Drawing (PDF)</a>                 | <a href="#">Product Specification PS-43660-9999 (PDF)</a> |
| <a href="#">Packaging Specification (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>      |

**Agency Certification**

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

**General**

|                |                                                                               |
|----------------|-------------------------------------------------------------------------------|
| Product Family | Crimp Housings                                                                |
| Series         | <a href="#">1396</a>                                                          |
| Comments       | 17.0A max. can be achieved when housing is used with 42477 or 42478 terminals |
| Overview       | <a href="#">standard_093</a>                                                  |
| Product Name   | Standard .093"                                                                |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 3               |
| Color - Resin                 | Natural         |
| Flammability                  | 94V-2           |
| Gender                        | Dual            |
| Glow-Wire Compliant           | No              |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Nylon           |
| Number of Rows                | 1               |
| Packaging Type                | Bag             |
| Panel Mount                   | No              |
| Pitch - Mating Interface (in) | 0.198 In        |
| Pitch - Mating Interface (mm) | 5.03 mm         |
| Polarized to Mating Part      | Yes             |
| Stackable                     | No              |
| Temperature Range - Operating | -40°C to +105°C |

**Electrical**

|                               |     |
|-------------------------------|-----|
| Current - Maximum per Contact | 14A |
|-------------------------------|-----|

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 1396-P1-BK |
|-----------------|------------|

**Reference - Drawing Numbers**

|                         |                         |
|-------------------------|-------------------------|
| Packaging Specification | PK-1396-001             |
| Product Specification   | PS-02-09, PS-43660-9999 |
| Sales Drawing           | SD-1396-*               |

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**China RoHS**



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

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

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

**Search Parts in this Series**

[1396Series](#)

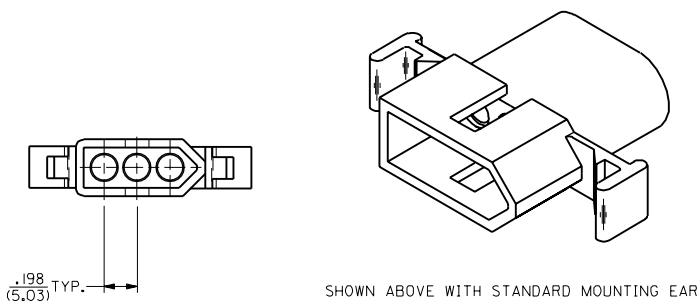
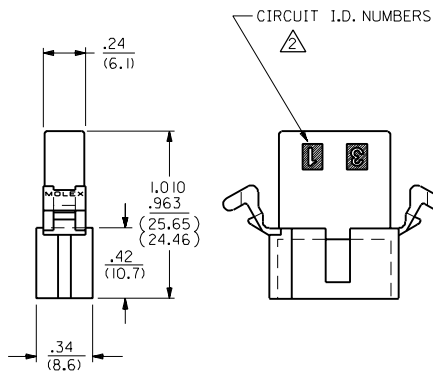
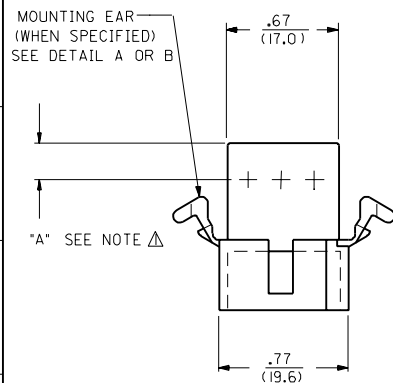
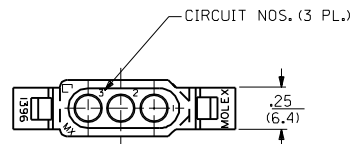
**Mates With**

[03-09-6032](#)

**Use With**

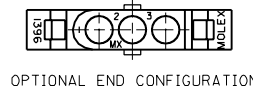
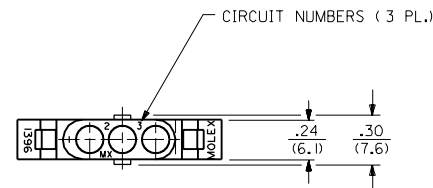
[1189](#) Crimp Terminals, [1190](#) Crimp Terminals, [1376](#) Male PC Tail Terminals, [1377](#) Female PC Tail Terminals, [1380](#) Male Crimp Terminals, [1381](#) Female Crimp Terminals, [1433](#) Crimp Terminals, [1434](#) Male Crimp Terminals, [1973](#) , [2151](#) , [2273](#) , [2870](#) , [2871](#) , [4272](#) , [4550](#) , [6271](#) , [6310](#) , [42477](#) , [42478](#)

# PLUG

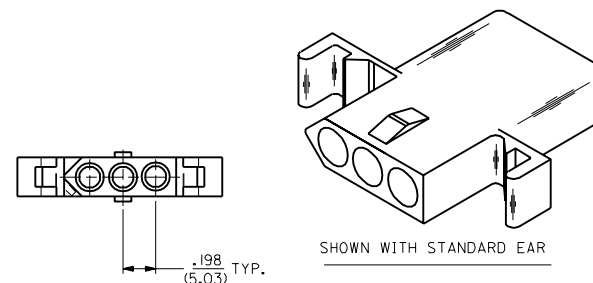
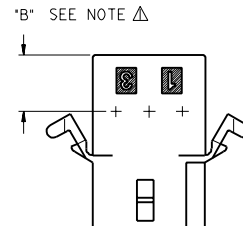
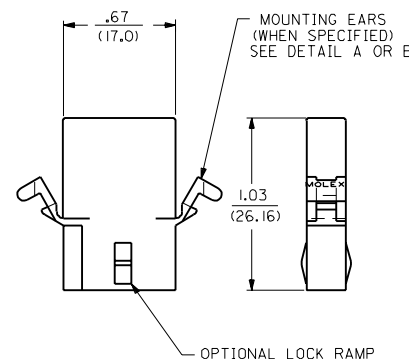


NOTES:  
 Δ DIMENSION FROM THE BACK OF HOUSING TO THE END OF THE BRUSH ON THE WIRE INSERTED INTO THE HOUSING  
 DIM "A"= .256/6.50 FOR 42477 & 42478 TERMINALS  
 .216/5.49 FOR ALL OTHER .093 TERMINALS  
 DIM "B"= .377/9.58 FOR 42477 & 42478 TERMINALS  
 .337/8.56 FOR ALL OTHER .093 TERMINALS

# RECEPTACLE



OPTIONAL END CONFIGURATION



|                    |                                                  |
|--------------------|--------------------------------------------------|
| Y3                 | REVISED PER UCR2000-0583 3/1/00                  |
| Y2                 | REMOVE -R3, -R5 VER. PER ECR #U6 1479 6-10-96 RW |
| Y1                 | X-REMOVE 1396-R4 ECR U3 1583 10/26/93 RW         |
| Y                  | ADD CKT. I.D. #'S PER ECR #U8 1381 5/4/93 RW     |
| X                  | REV MAT'L SPECS. ECR U2-1491 10-08-92 A.GUZIK    |
| W1                 | ADD -D VERSIONS. ECR U1 1106 7/25/91 RW          |
| W                  | REVISE ON CAD ECR #U8 1381 JJS 4-24-88 RW        |
| 2                  | Y2                                               |
| 1                  | Y3                                               |
| MFG. SH. REV. LTR. | REVISE ONLY ON CAD SYSTEM                        |

|                                                                                                                         |  |          |  |          |  |                                           |  |                           |  |            |  |
|-------------------------------------------------------------------------------------------------------------------------|--|----------|--|----------|--|-------------------------------------------|--|---------------------------|--|------------|--|
| DIMENSIONS SHOWN (METRIC) INCH                                                                                          |  |          |  | ▽=0      |  | ▼=0                                       |  | REVISE ONLY ON CAD SYSTEM |  |            |  |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°                                                                   |  |          |  | TITLE    |  |                                           |  |                           |  |            |  |
|                                                                                                                         |  |          |  |          |  | .093/(.236) HOUSING,<br>PLUG & RECEPTACLE |  |                           |  |            |  |
|                                                                                                                         |  |          |  |          |  | 3 CIRCUIT, 198(5.03)C                     |  |                           |  |            |  |
| 3 PLACE ± .010                                                                                                          |  |          |  | ---      |  | ---                                       |  |                           |  |            |  |
| 2 PLACE ± .014                                                                                                          |  |          |  | ± 0.25   |  | ---                                       |  |                           |  |            |  |
| 1 PLACE ---                                                                                                             |  |          |  | ± 0.36   |  | ---                                       |  |                           |  |            |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                    |  |          |  |          |  |                                           |  |                           |  |            |  |
| PART NO.                                                                                                                |  | L131L1L1 |  | 60532    |  | U.S.A.                                    |  | SHEET NO.                 |  | DATE       |  |
|                                                                                                                         |  |          |  |          |  |                                           |  | 1 of 2                    |  | 4 / 3 / 88 |  |
| DRWG. BY                                                                                                                |  | JJS      |  | CHKD. BY |  | RW                                        |  | FILE NAME                 |  | SHEET NO.  |  |
| APP'D. BY                                                                                                               |  | RAS      |  | SCALE    |  | 2 : 1                                     |  | S1396.3X1                 |  | CP         |  |
| DO NOT SOURCE CHANGING INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |  |          |  |          |  |                                           |  |                           |  | REV. CP    |  |
| SD-1396-•                                                                                                               |  |          |  |          |  |                                           |  |                           |  | SIZE C     |  |

