

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0366440008](#)  
**Status:** **Active**  
**Overview:** [mlx](#)  
**Description:** 2.13mm (.084") Diameter MLX™ Pin and Socket Receptacle, 15 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow Wire Compatible

**Documents:**

[3D Model](#) [Product Specification PS-42022-0001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family Crimp Housings  
 Series [36644](#)  
 Overview [mlx](#)  
 Product Name MLX™

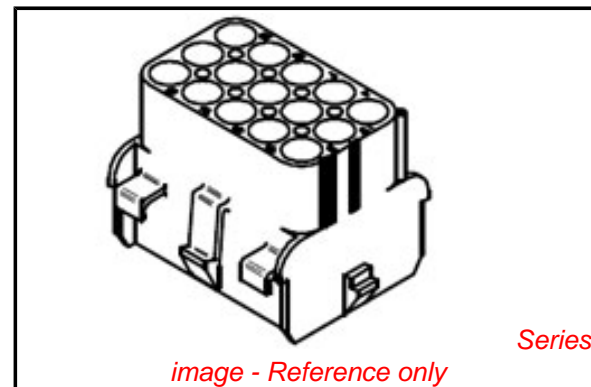
**Physical**

Circuits (maximum) 15  
 Circuits Detail 15  
 Color - Resin Natural  
 Gender Female  
 Glow-Wire Compliant Yes  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Number of Rows 5  
 Packaging Type Bag  
 Panel Mount No  
 Pitch - Mating Interface (in) 0.250 In  
 Pitch - Mating Interface (mm) 6.35 mm  
 Pitch - Term. Interface (in) 0.250 In  
 Pitch - Term. Interface (mm) 6.35 mm  
 Polarized to Mating Part Yes  
 Stackable No  
 Temperature Range - Operating -55°C to +105°C

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-42022-\*\*  
 Product Specification PS-42022-0001  
 Sales Drawing SD-42022-\*\*



**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**

[36644Series](#)

**Mates With**

[42021](#) MLX™ Power Crimp Housing Plug

**Use With**

MLX Crimp Terminal [42023](#) , [42024](#)



| PART NO.    | ENG. NO.  | CIRCUIT SIZE | MATERIAL (SEE NOTE 1) | STATUS | DIM. "A"         | DIM. "B"         | DIM. "C"        |
|-------------|-----------|--------------|-----------------------|--------|------------------|------------------|-----------------|
| 050-84-2010 | 42022-1A  | 1            | A                     | ACTIVE | 1.090<br>(27.70) | .380<br>(9.65)   | ----            |
| 050-84-2012 | 42022-1C  | 1            | C                     | ACTIVE |                  |                  |                 |
| 366440001   | 36644-001 | 1            | D                     | ACTIVE |                  |                  |                 |
| 366480021   | 36648-021 | 1            | E                     | ACTIVE |                  |                  |                 |
| 050-84-2020 | 42022-2A  | 2            | A                     | ACTIVE | 1.090<br>(27.70) | .620<br>(15.75)  | .300<br>(7.62)  |
| 050-84-2022 | 42022-2C  | 2            | C                     | ACTIVE |                  |                  |                 |
| 366440002   | 36644-002 | 2            | D                     | ACTIVE |                  |                  |                 |
| 366480022   | 36648-022 | 2            | E                     | ACTIVE |                  |                  |                 |
| 050-84-2030 | 42022-3A  | 3            | A                     | ACTIVE | 1.090<br>(27.70) | .620<br>(15.75)  | .300<br>(7.62)  |
| 050-84-2032 | 42022-3C  | 3            | C                     | ACTIVE |                  |                  |                 |
| 366440003   | 36644-003 | 3            | D                     | ACTIVE |                  |                  |                 |
| 366480023   | 36648-023 | 3            | E                     | ACTIVE |                  |                  |                 |
| 050-84-2040 | 42022-4A  | 4            | A                     | ACTIVE | 1.090<br>(27.70) | .620<br>(15.75)  | .300<br>(7.62)  |
| 050-84-2042 | 42022-4C  | 4            | C                     | ACTIVE |                  |                  |                 |
| 366440004   | 36644-004 | 4            | D                     | ACTIVE |                  |                  |                 |
| 366480024   | 36648-024 | 4            | E                     | ACTIVE |                  |                  |                 |
| 050-84-2060 | 42022-6A  | 6            | A                     | ACTIVE | 1.090<br>(27.70) | 1.120<br>(28.45) | .800<br>(20.32) |
| 050-84-2062 | 42022-6C  | 6            | C                     | ACTIVE |                  |                  |                 |
| 366440005   | 36644-005 | 6            | D                     | ACTIVE |                  |                  |                 |
| 366480025   | 36648-025 | 6            | E                     | ACTIVE |                  |                  |                 |
| 050-84-2090 | 42022-9A  | 9            | A                     | ACTIVE | 1.090<br>(27.70) | 1.120<br>(28.45) | .800<br>(20.32) |
| 050-84-2092 | 42022-9C  | 9            | C                     | ACTIVE |                  |                  |                 |
| 366440006   | 36644-006 | 9            | D                     | ACTIVE |                  |                  |                 |
| 366480026   | 36648-026 | 9            | E                     | ACTIVE |                  |                  |                 |
| 050-84-2120 | 42022-12A | 12           | A                     | ACTIVE | 1.090<br>(27.70) | 1.120<br>(28.45) | .800<br>(20.32) |
| 050-84-2122 | 42022-12C | 12           | C                     | ACTIVE |                  |                  |                 |
| 366440007   | 36644-007 | 12           | D                     | ACTIVE |                  |                  |                 |
| 366480027   | 36648-027 | 12           | E                     | ACTIVE |                  |                  |                 |
| 050-84-2150 | 42022-15A | 15           | A                     | ACTIVE | 1.090<br>(27.70) | 1.120<br>(28.45) | .800<br>(20.32) |
| 050-84-2152 | 42022-15C | 15           | C                     | ACTIVE |                  |                  |                 |
| 366440008   | 36644-008 | 15           | D                     | ACTIVE |                  |                  |                 |
| 366480028   | 36648-028 | 15           | E                     | ACTIVE |                  |                  |                 |

| <b>ENTER DESCRIPTION</b><br>EC NO: 2005-0545 2006/11/08<br>CHKD: PRASAD 2006/11/23<br>APPR: PRASAD 2006/12/07                 | <b>QUALITY SYMBOLS</b><br>60<br>30 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b><br><table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .003</td> <td>± .0003</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.36</td> <td>± .014</td> </tr> <tr> <td>ANGULAR</td> <td>± .005</td> <td>± .0005</td> </tr> </table> |   | mm  | INCH  | 4 PLACES | ± .005 | ± .0005 | 3 PLACES | ± .003 | ± .0003 | 2 PLACES | ± 0.25 | ± .010 | 1 PLACE | ± 0.36 | ± .014 | ANGULAR | ± .005 | ± .0005 | <b>DIMENSION STYLE</b><br><b>MM ONLY</b> | <b>SCALE</b><br>DESIGN UNITS<br><b>METRIC</b> | <input checked="" type="checkbox"/> THIRD ANGLE PROJECTION |
|---|------------------------------------|--|---|---|---|----------|--------|---------|----------|--------|---------|----------|--------|--------|---------|--------|--------|---------|--------|---------|--|---|--|
|   |                                    | mm   | INCH  |   |   |          |        |         |          |        |         |          |        |        |         |        |        |         |        |         |  |   |  |
|   | 4 PLACES                           | ± .005   | ± .0005   |   |   |          |        |         |          |        |         |          |        |        |         |        |        |         |        |         |  |   |  |
|   | 3 PLACES                           | ± .003   | ± .0003   |   |   |          |        |         |          |        |         |          |        |        |         |        |        |         |        |         |  |   |  |
| 2 PLACES  | ± 0.25                             | ± .010   |   |   |   |          |        |         |          |        |         |          |        |        |         |        |        |         |        |         |  |   |  |
| 1 PLACE   | ± 0.36                             | ± .014   |   |   |   |          |        |         |          |        |         |          |        |        |         |        |        |         |        |         |  |   |  |
| ANGULAR   | ± .005                             | ± .0005  |   |   |   |          |        |         |          |        |         |          |        |        |         |        |        |         |        |         |  |   |  |
| <b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>   |                                    | <b>SEE CHART</b>   | DRAWN BY: RK<br>CHECKED BY: GWJ<br>APPROVED BY: GWJ | DATE: 8/7/11/15<br>DATE: 8/7/11/15<br>DATE: 8/7/11/15 | TITLE<br><b>HOUSING CAP .084/(2.13) DIA. SERIES</b> |          |        |         |          |        |         |          |        |        |         |        |        |         |        |         |  |   |  |
|   |                                    | MATERIAL NO: A0  | DOCUMENT NO: SD-42022-***                           | SHEET NO: 2 OF 2                                      | <b>MOLEX INCORPORATED</b>                           |          |        |         |          |        |         |          |        |        |         |        |        |         |        |         |  |   |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                    |  |   |   |   |          |        |         |          |        |         |          |        |        |         |        |        |         |        |         |  |   |  |