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Part Number: [0050842090](#)
Status: **Active**
Overview: [mlx](#)
Description: 2.13mm (.084") Diameter MLX™ Pin and Socket Receptacle, 9 Circuits

Documents:

[3D Model](#) [Product Specification PSX-42022-0002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-42022-0001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Crimp Housings
 Series [42022](#)
 Comments Glow Wire Equivalent Part Number [366440006](#)
 MolexKits Yes
 Overview [mlx](#)
 Product Name MLX™

Physical

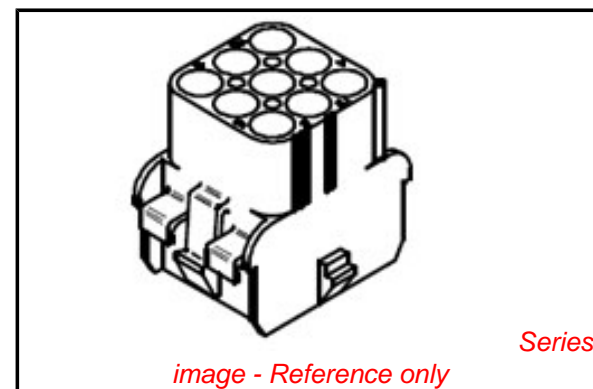
Circuits (maximum) 9
 Circuits Detail 9
 Color - Resin Natural
 Flammability 94V-2
 Gender Female
 Glow-Wire Compliant No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Resin Nylon
 Number of Rows 3
 Packaging Type Bag
 Panel Mount Yes
 Pitch - Mating Interface (in) 0.250 In
 Pitch - Mating Interface (mm) 6.35 mm
 Polarized to Mating Part Yes
 Stackable No
 Temperature Range - Operating -55°C to +105°C

Material Info

Old Part Number 42022-9A

Reference - Drawing Numbers

Packaging Specification PK-42022-**
 Product Specification PS-42022-0001, PSX-42022-0002
 Sales Drawing SD-42022-**



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
 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

[42022Series](#)

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 (27.70) | .380 (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 (27.70) | .620 (15.75) | .300 (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 (27.70) | .620 (15.75) | .300 (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 (27.70) | .620 (15.75) | .300 (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 (27.70) | 1.120 (28.45) | .800 (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 (27.70) | 1.120 (28.45) | .800 (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 (27.70) | 1.120 (28.45) | .800 (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 (27.70) | 1.120 (28.45) | .800 (20.32) |
| 050-84-2152 | 42022-15C | 15 | C | ACTIVE | | | |
| 366440008 | 36644-008 | 15 | D | ACTIVE | | | |
| 366480028 | 36648-028 | 15 | E | ACTIVE | | | |

| ENTER DESCRIPTION EC NO: 2005-0545 2006/11/08 CHN: CHN: 2006/11/23 APPR: CHN: 2006/12/07 APPR: CHN: 2006/12/07 | QUALITY SYMBOLS 60 30 | GENERAL TOLERANCES (UNLESS SPECIFIED) <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 | DIMENSION STYLE MM ONLY | SCALE DESIGN UNITS METRIC | <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 | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY DATE RK 87/11/15 | | CHECKED BY DATE GW 87/11/15 | | TITLE HOUSING CAP .084/(2.13) DIA. SERIES | | | | | | | | | | | | | | | | | | | |
| APPROVED BY DATE GW 87/11/15 | | MATERIAL NO. SEE CHART | | DOCUMENT NO. SD-42022-*** | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE A0 | | SHEET NO. 2 OF 2 | | | | | | | | | | | | | | | | | | | |