

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

**Part Number:** [0050842020](#)  
**Status:** **Active**  
**Overview:** [mlx](#)  
**Description:** 2.13mm (.084") Diameter MLX™ Pin and Socket Receptacle, 2 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 [366440002](#)  
 MolexKits Yes  
 Overview [mlx](#)  
 Product Name MLX™

**Physical**

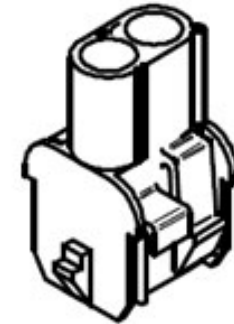
Circuits (maximum) 2  
 Circuits Detail 2  
 Color - Resin Natural  
 Flammability 94V-2  
 Gender Female  
 Glow-Wire Compliant No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Number of Rows 1  
 Packaging Type Bag  
 Panel Mount Yes  
 Pitch - Mating Interface (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 42022-2A

**Reference - Drawing Numbers**

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



*image - Reference only*

*Series*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free Status**

**China RoHS**



**Halogen-Free**

**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**

[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			

<b>ENTER DESCRIPTION</b> EC NO. 2005-0545 2006/11/08 CHKD BY PMSAD 2006/11/23 APPR BY PMSAD 2006/12/07	<b>QUALITY SYMBOLS</b> 60 30	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .15</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .10</td> <td>± .004</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	± .15	± .005	3 PLACES	± .10	± .004	2 PLACES	± 0.25	± .010	1 PLACE	± 0.36	± .014	ANGULAR	± .005	± .0005	<b>DIMENSION STYLE</b> <b>MM ONLY</b>	<b>SCALE</b> DESIGN UNITS <b>METRIC</b>	<input checked="" type="checkbox"/> THIRD ANGLE PROJECTION
		mm	INCH																				
	4 PLACES	± .15	± .005																				
	3 PLACES	± .10	± .004																				
2 PLACES	± 0.25	± .010																					
1 PLACE	± 0.36	± .014																					
ANGULAR	± .005	± .0005																					
<b>DRAWN BY</b> PK <b>DATE</b> 8/7/11/15 <b>CHECKED BY</b> GWF <b>DATE</b> 8/7/11/15 <b>APPROVED BY</b> GWF <b>DATE</b> 8/7/11/15		<b>TITLE</b> HOUSING CAP .084/(2.13) DIA. SERIES		<b>MOLEX INCORPORATED</b>																			
<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>		<b>SEE CHART</b>		<b>DOCUMENT NO.</b> SD-42022-***																			
<b>MATERIAL NO.</b>		<b>SIZE</b>		<b>SHEET NO.</b> 2 OF 2																			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							