

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

**Part Number:** [0050841125](#)  
**Status:** **Active**  
**Overview:** [mlx](#)  
**Description:** 2.13mm (.084") Diameter MLX™ Power Crimp Housing Plug, 12 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 [42021](#)  
 Comments Glow Wire Equivalent Part Number [366430007](#)  
 Overview [mlx](#)  
 Product Name MLX™

**Physical**

Circuits (maximum) 12  
 Circuits Detail 12  
 Color - Resin Natural  
 Flammability 94V-0  
 Gender Male  
 Glow-Wire Compliant No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Number of Rows 4  
 Packaging Type Bag  
 Panel Mount No  
 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

**Electrical**

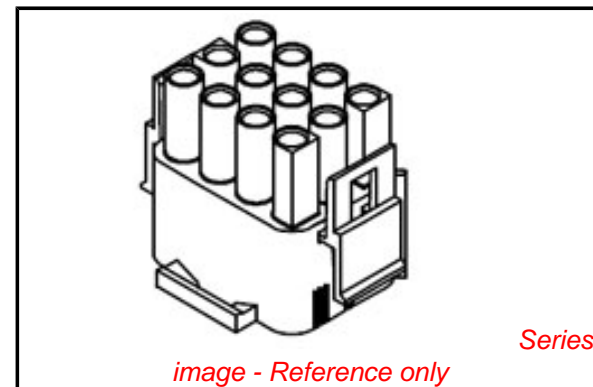
Current - Maximum per Contact 11A

**Material Info**

Old Part Number 4202112CWHT

**Reference - Drawing Numbers**

Packaging Specification PK-42021-\*\*  
 Product Specification PS-42022-0001, PSX-42022-0002  
 Sales Drawing SD-42021-\*\*



**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Contains SVHC: No**  
**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**

[42021Series](#)

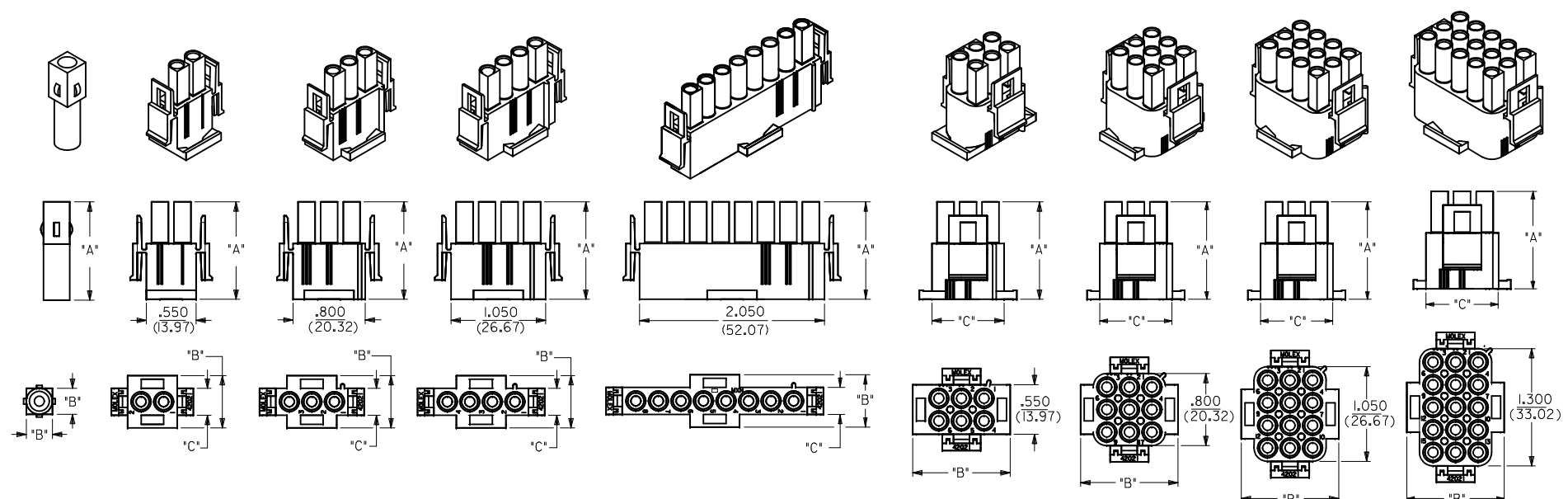
**Mates With**

[42002 MLX™ Power Connector Header](#),  
[42022 MLX™ Pin and Socket Receptacle](#),  
[43255 MLX™ Power Connector Header](#)

**Use With**

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

13 12 11 10 9 8 7 6 5 4 3 2 1



<b>ENTER DESCRIPTION</b> EC NO: 12009-0552 2009/12/01 DRWN:HR01 2009/12/02 CHKD:KPRASAD 2009/12/15 APPR:KPRASAD 2009/12/15	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± .01</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .02</td> <td>± .0008</td> </tr> <tr> <td>2 PLACES</td> <td>± .05</td> <td>± .0020</td> </tr> <tr> <td>1 PLACE</td> <td>± .10</td> <td>± .0040</td> </tr> <tr> <td colspan="3">ANGULAR ± .5°</td> </tr> </table>		mm	INCH	4 PLACES	± .01	± .0004	3 PLACES	± .02	± .0008	2 PLACES	± .05	± .0020	1 PLACE	± .10	± .0040	ANGULAR ± .5°			DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± .01	± .0004																					
	3 PLACES	± .02	± .0008																					
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1 PLACE	± .10	± .0040																						
ANGULAR ± .5°																								
DRAWN BY RK DATE 87/11/16	CHECKED BY GWF DATE 87/11/16	APPROVED BY GWF DATE 87/11/16	TITLE HOUSING, PLUG .084/(2.13) DIA. SERIES																					
MATERIAL NO. SEE TABLE			DOCUMENT NO. SD-42021-**			SHEET NO. 1 OF 2																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	

12 11 10 9 8 7 6 5 4 3 2 1

