

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

**Part Number:** [0050841120](#)  
**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-2  
 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**

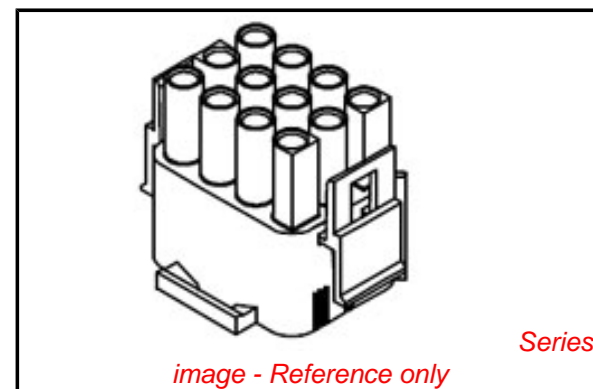
Current - Maximum per Contact 11A

**Material Info**

Old Part Number 42021-12A

**Reference - Drawing Numbers**

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



*image - Reference only*

**EU RoHS**

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

[42021Series](#)

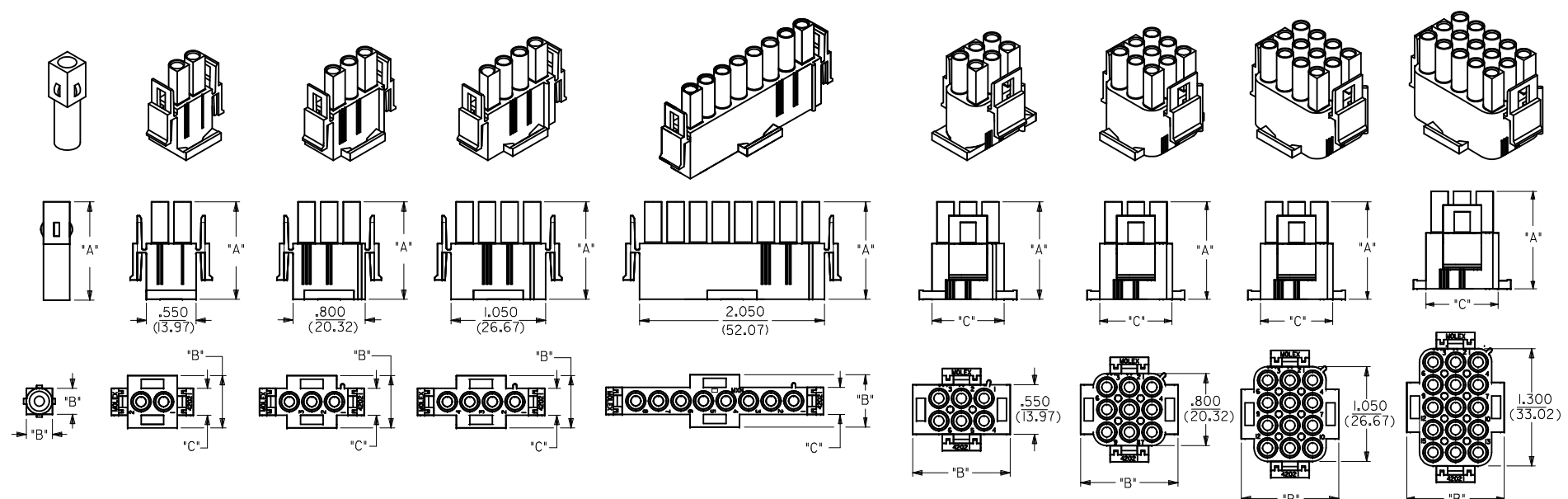
**Mates With**

[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	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> IN/MM	<b>SCALE</b> 1:1	<b>DESIGN UNITS</b> INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	DRAWN BY RK	DATE 87/11/16	TITLE HOUSING, PLUG .084/(2.13) DIA. SERIES		
		2 PLACES ± 0.25 ± 0.14	1 PLACE ± 0.36 ± ---	CHECKED BY GWF	DATE 87/11/16	MOLEX INCORPORATED		
		ANGULAR ± ---°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY GWF	DATE 87/11/16	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-42021-**	SHEET NO. 1 OF 2
C4	REV	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

