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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-**

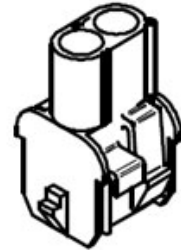


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Halogen-Free

**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.

China RoHS



Search Parts in this Series

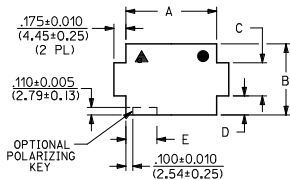
[42022Series](#)

Mates With

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

Use With

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



NOTES:

I) MATERIAL CODES:

- * 'A' = PA66/6, V-2
COLOUR: NATURAL-TRANSLUCENT
* 'C' = PA666/6, V-0
COLOUR: NATURAL-OPAQUE
* 'D' = PA6, 94V-2
COLOUR-NATURAL
FOR GLOW WIRE APPLICATION WITH
CTI OF 325 VOLTS,AS PER IEC-60335-1 4TH EDITION
* 'E' = NYLON PA6, 94V-2
COLOUR- BLACK (ZYTEL 101F)

2) UNLESS OTHERWISE INDICATED, DIMENSIONS ARE FOR REFERENCE ONLY.

3) CAP HOUSINGS MATE WITH :

3) CAP HOUSINGS MATE WITH :
- PLUG HOUSINGS, .084/(2.13) DIA. SERIES:
(4202[-**])

4) HOUSINGS DESIGNED TO BE USED WITH TERMINALS:

- SOCKETS, .084/(2.13) DIA. SERIES: (42024-****)

5) CONTACTS ARE ON .250/(6.35) GRID CENTERLINE SPACING.

6) PANEL TO BE PUNCHED SO THAT THE HOUSING ENTERS THE PANEL OPPOSITE THE SIDE WITH THE BURR (I.E. OPPOSITE THE BREAK SIDE).

7) PRODUCT SPECIFICATION PS-42022-0001 APPLIES.

8) LEGEND SCHEME IS NOT APPLICABLE
FOR GLOW WIRE COMPATIBLE PART NUMBERS

LEGEND:

BASE NUMBER

42022-* *

MATERIAL CODE
(SEE NOTE 1)

— CIRCUIT SIZE

SIZE	DIMENSIONS				
	A±0.05	B±0.05	C±0.10	D±0.10	E±0.10
2	.565 (14.35)	.530 (13.46)	.840 (8.64)	.095 (2.41)	.250 (6.35)
3	.815 (20.70)	.530 (13.46)	.840 (8.64)	.095 (2.41)	.250 (6.35)
4	1.065 (27.05)	.530 (13.46)	.840 (8.64)	.095 (2.41)	.250 (6.35)
6	1.565 (40.13)	1.030 (26.16)	.480 (12.19)	.275 (6.99)	.250 (6.35)
8	2.065 (52.45)	.530 (13.46)	.840 (8.64)	.095 (2.41)	.250 (6.35)
9	.815 (20.70)	1.030 (26.16)	.480 (12.19)	.275 (6.99)	.250 (6.35)
12	1.065 (27.05)	1.030 (26.16)	.480 (12.19)	.275 (6.99)	.250 (6.35)
15	1.315 (33.40)	1.030 (26.16)	.480 (12.19)	.275 (6.99)	.250 (6.35)

▲ - CIRCUIT #1 LOCATION WHEN USING POLARIZING KEY
OPTION WITH 2, 3, 4 AND 8 CIRCUIT HOUSINGS.

OPTION WITH 6, 9, 12 AND 15 CIRCUIT HOUSINGS.

[illegible]

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Rev. E 2006/04/15

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