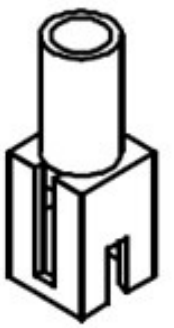
This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0050842012
Status: Active
Overview: mlx
Description: 2.13mm (.084") Diameter MLX™ Pin and Socket Receptacle, 1 Circuit



Series image - Reference only

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	42022
Comments	Glow Wire Equivalent Part Number 366440001
Overview	mlx
Product Name	MLX™

Physical

Circuits (maximum)	1
Circuits Detail	1
Color - Resin	Natural
Flammability	94V-0
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)	0.000 In
Pitch - Mating Interface (mm)	0.00 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-55°C to +105°C

Material Info

Old Part Number	42022-01C

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
Contains SVHC: No
Halogen-Free Status
Not Reviewed

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.

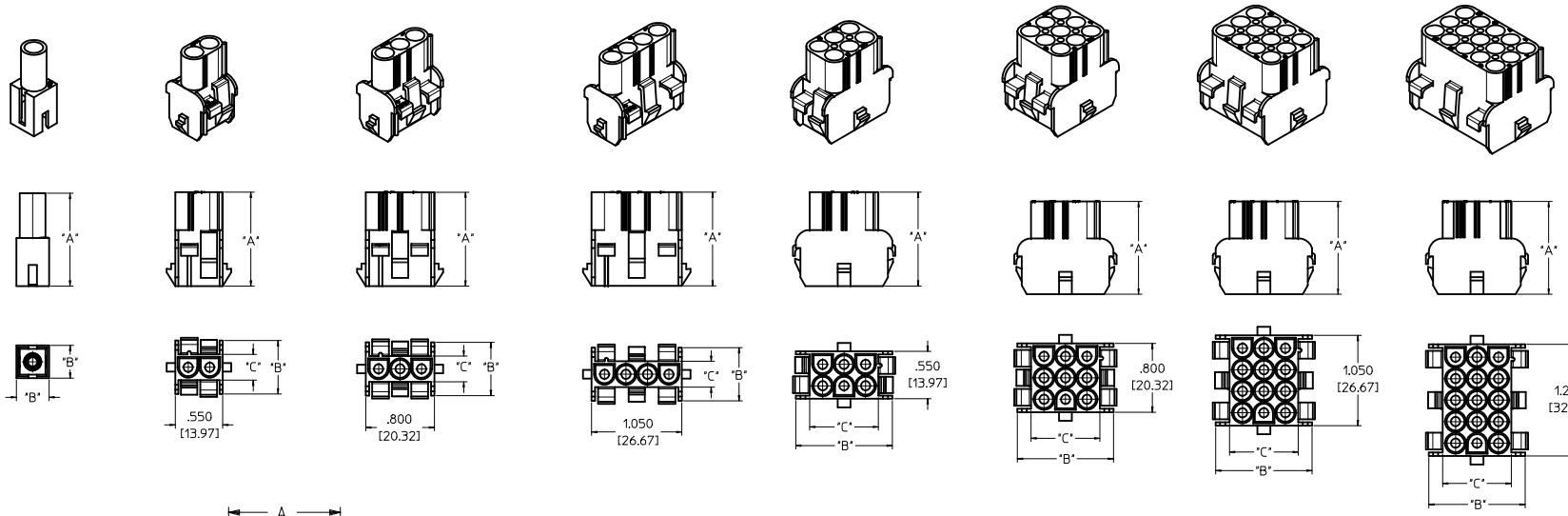
Search Parts in this Series
42022Series

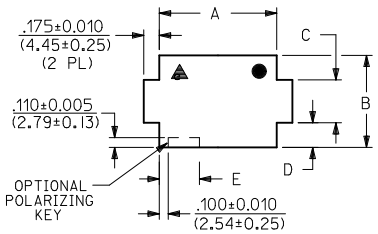
Mates With
42021 MLX™ Power Crimp Housing Plug

Use With
MLX Crimp Terminal 42023 , 42024

This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION





RECOMMENDED PANEL CUTOUT

PANEL THICKNESS: .030-.090/(0.76-2.29)
(SEE NOTE 6)

CIRCUIT SIZE	DIMENSIONS				
	A ±.005	B ±.005	C ±.010	D ±.010	E ±.010
2	.565 (14.35)	.530 (13.46)	.340 (8.64)	.095 (2.41)	.250 (6.35)
3	.815 (20.70)	.530 (13.46)	.340 (8.64)	.095 (2.41)	.250 (6.35)
4	1.065 (27.05)	.530 (13.46)	.340 (8.64)	.095 (2.41)	.250 (6.35)
6	.565 (14.35)	1.030 (26.16)	.480 (12.19)	.275 (6.99)	.250 (6.35)
8	2.065 (52.45)	.530 (13.46)	.340 (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)	.350 (8.89)
15	1.315 (33.40)	1.030 (26.16)	.480 (12.19)	.275 (6.99)	.350 (8.89)

▲ - 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.

NOTES:

1) MATERIAL CODES:
   - "A" = PA6/6, V-2
     COLOUR: NATURAL-TRANSLUCENT
   - "C" = PA66/6, 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 :
   - PLUG HOUSINGS, .084/(2.13) DIA. SERIES: (42021-**)
4) HOUSINGS DESIGNED TO BE USED WITH TERMINALS:
   - PINS, .084/(2.13) DIA. SERIES: (42023-****)
   - 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:

42022-**
- 42022- : BASE NUMBER
- ** : MATERIAL CODE (SEE NOTE 1)
- ** : CIRCUIT SIZE

ENTER DESCRIPTION
EC NO: 12009-0548
DRWN:HMR01 2009/11/23
CHKD:KPRASAD 2009/12/07
APPR:KPRASAD
DESCRIPTION
REV: D2

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.36	± ---
ANGULAR	±---°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RK	07/11/15
CHECKED BY	GWF	07/11/15
APPROVED BY	GWF	07/11/15

TITLE: HOUSING CAP .084/(2.13) DIA. SERIES
MOLEX INCORPORATED
MATERIAL NO.: 9999999999
DOCUMENT NO.: SD-42022-**
SHEET NO.: 1 OF 2
SIZE: A0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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: 12009-0548
DRWN: MM801 2009/11/20
CHKD: KPRASAD 2009/11/23
APPR: KPRASAD 2009/12/07
DESCRIPTION
REV
D2

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.36	± ---
ANGULAR	±---°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	RK	07/11/15
CHECKED BY	GWF	07/11/15
APPROVED BY	GWF	07/11/15

TITLE: HOUSING CAP .084/(2.13) DIA. SERIES

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-42022-**
SHEET NO.: 2 OF 2
SIZE: A0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION