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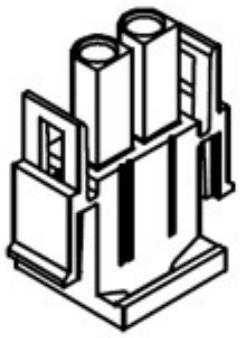
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0050841025
Status: Active
Overview: mlx
Description: 2.13mm (.084") Diameter MLX™ Power Crimp Housing Plug, 2 Circuits



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	42021
Comments	Glow Wire Equivalent Part Number 366430002
Overview	mlx
Product Name	MLX™

Physical

Circuits (maximum)	2
Circuits Detail	2
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	1
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	13.5A

Material Info

Old Part Number	4202102C

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
Halogen-Free

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
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

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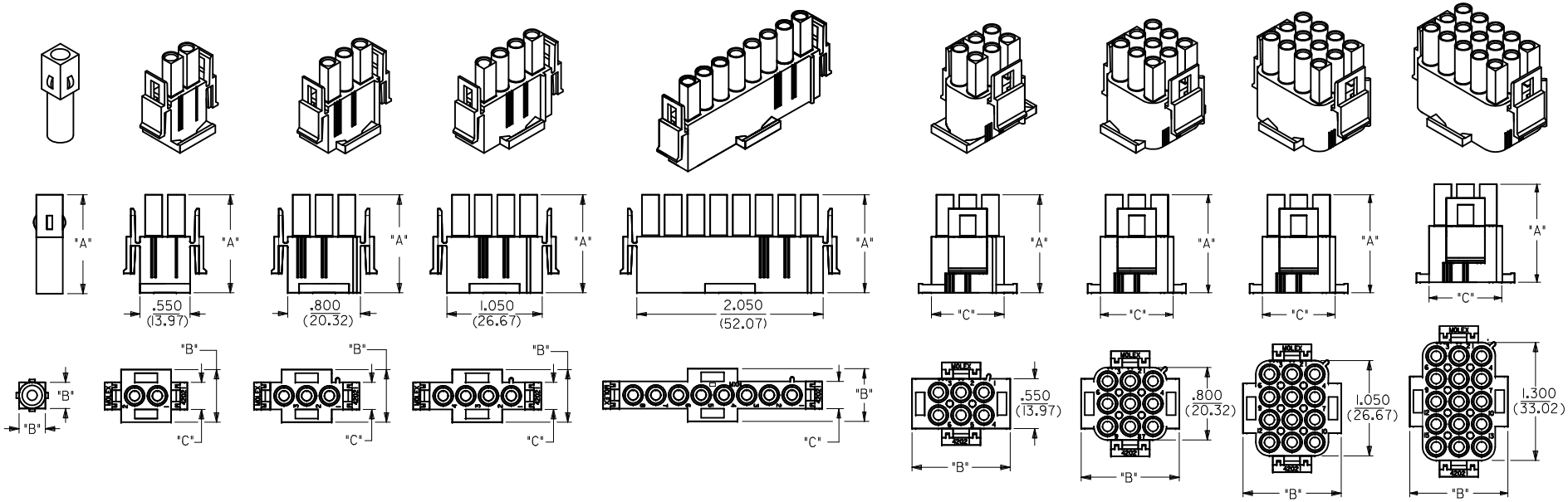

ENTER DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE: IN/MM
EC NO: 12009-0552 2009/12/01	▼=0		SCALE: 1:1
DRWN:HMR01 2009/12/02	Ⓒ=0		DESIGN UNITS: INCH
CHKD:KPRASAD			THIRD ANGLE PROJECTION
APPR:KPRASAD 2009/12/15			
DESCRIPTION			
REV: C4			

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± 0.14
1 PLACE	± 0.36	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRAWN BY: RK	DATE: 87/11/16
CHECKED BY: GWF	DATE: 87/11/16
APPROVED BY: GWF	DATE: 87/11/16
MATERIAL NO.: SEE TABLE	
DOCUMENT NO.: SD-42021-**	SHEET NO.: 1 OF 2
SIZE: A2	

TITLE: HOUSING, PLUG .084/(2.13) DIA. SERIES

MOLEX INCORPORATED

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)	DIM. "A"	DIM. "B"	DIM. "C"	STATUS
050-84-1010	42021-1A	1	A	1.080 (27.43)	.290 (7.37)	----	ACTIVE
050-84-1011	42021-1B	1	B				VOID
050-84-1015	42021-1C	1	C				ACTIVE
366430001	36643-001	1	E				ACTIVE
050-84-1020	42021-2A	2	A	1.080 (27.43)	.580 (14.73)	.300 (7.62)	ACTIVE
050-84-1021	42021-2B	2	B				VOID
050-84-1025	42021-2C	2	C				ACTIVE
366430002	36643-002	2	E				ACTIVE
050-84-1030	42021-3A	3	A	1.080 (27.43)	.580 (14.73)	.300 (7.62)	ACTIVE
050-84-1031	42021-3B	3	B				VOID
050-84-1035	42021-3C	3	C				ACTIVE
366430003	36643-003	3	E				ACTIVE
050-84-1040	42021-4A	4	A	1.080 (27.43)	.580 (14.73)	.300 (7.62)	ACTIVE
050-84-1041	42021-4B	4	B				VOID
050-84-1045	42021-4C	4	C				ACTIVE
366430004	36643-004	4	E				ACTIVE
050-84-1060	42021-6A	6	A	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	ACTIVE
050-84-1061	42021-6B	6	B				VOID
050-84-1065	42021-6C	6	C				ACTIVE
366430005	36643-005	6	E				ACTIVE
PRELIMINARY	42021-8A	8	A	1.080 (27.43)	.580 (14.73)	.300 (7.62)	ACTIVE
PRELIMINARY	42021-8B	8	B				ACTIVE
PRELIMINARY	42021-8C	8	C				ACTIVE
050-84-1090	42021-9A	9	A	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	ACTIVE
050-84-1091	42021-9B	9	B				VOID
050-84-1095	42021-9C	9	C				ACTIVE
366430006	36643-006	9	E				ACTIVE
050-84-1120	42021-12A	12	A	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	ACTIVE
050-84-1121	42021-12B	12	B				VOID
050-84-1125	42021-12C	12	C				ACTIVE
366430007	36643-007	12	E				ACTIVE
050-84-1150	42021-15A	15	A	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	ACTIVE
050-84-1151	42021-15B	15	B				VOID
050-84-1155	42021-15C	15	C				ACTIVE
366430008	36643-008	15	E				ACTIVE
366480001	36648-001	1	D	1.080 (27.43)	.290(7.37)	----	ACTIVE
366480002	36648-002	2	D		.580 (14.73)	.300 (7.62)	ACTIVE
366480003	36648-003	3	D				ACTIVE
366480004	36648-004	4	D				ACTIVE
366480005	36648-005	6	D	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	ACTIVE
366480006	36648-006	9	D				ACTIVE
366480007	36648-007	12	D				ACTIVE
366480008	36648-008	15	D				ACTIVE
366410001	36641-001	4	D	1.080 (27.43)	.580(14.73)	.300(7.62)	OBSOLETE
366410002	36641-002	9	D		1.080(27.43)	.800(20.32)	OBSOLETE

NOTES:

1) MATERIAL CODES:
   - "A"= NYLON TYPE 6/6, 94V-2
     COLOR: NATURAL (WHITE/TRANSLUCENT)
   - "B"= NYLON TYPE 6/6, 94V-0
     COLOR: (BRICK RED)
   - "C"= NYLON TYPE 6/6, 94V-0
     COLOR: NATURAL (WHITE)
   - "D"= NYLON, 94V-2
     COLOR: BLACK (ZYTEL 101F)
   - "E"= NYLON 94V-2
     COLOUR:NATURAL
     GLOW WIRE COMPATIBLE WITH CTI OF 325 VOLTS, ACCORDING TO IEC 60335-4TH EDITION

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

3) PLUG HOUSINGS MATE WITH :
   - CAP HOUSINGS, .084/(2.13) DIA. SERIES: (42022-**)
   - HEADER ASSEMBLY HOUSINGS, .084/(2.13) DIA. SERIES: (A-42002-*****)

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) PRODUCT SPECIFICATION PS-42022-0001 APPLIES.

7) LEGEND SCHEME IS NOT APPLICABLE FOR GLOW WIRE COMPATIABLE PART NUMBERS

LEGEND:

42021- * *
- * * : MATERIAL CODE (SEE NOTE 1)
- * * : CIRCUIT SIZE
- 42021- : BASE NUMBER

ENTER DESCRIPTION
EC NO: 12009-0552 2009/12/01
DRWN:HMR01 2009/12/02
CH'KD:KPRASAD
APPR:KPRASAD 2009/12/15
DESCRIPTION
C4
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± 0.14
1 PLACE	± 0.36	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

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

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-42021-**
SHEET NO.: 2 OF 2
SIZE: A2

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