

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0050841020

Status:

Active

Overview:

mlx

Description:

2.13mm (.084") Diameter MLX™ Power Crimp Housing Plug, 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

42021

Comments

Glow Wire Equivalent Part Number 366430002

MolexKits

Yes

Overview

mlx

Product Name

MLX™

Physical

Circuits (maximum)

2

Circuits Detail

2

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

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

42021-2A

Reference - Drawing Numbers

Packaging Specification

PK-42021-**

Product Specification

PS-42022-0001, PSX-42022-0002

Sales Drawing

SD-42021-**

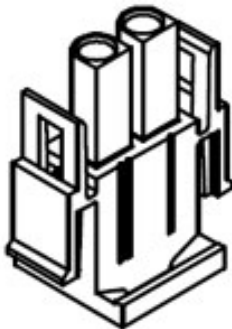


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

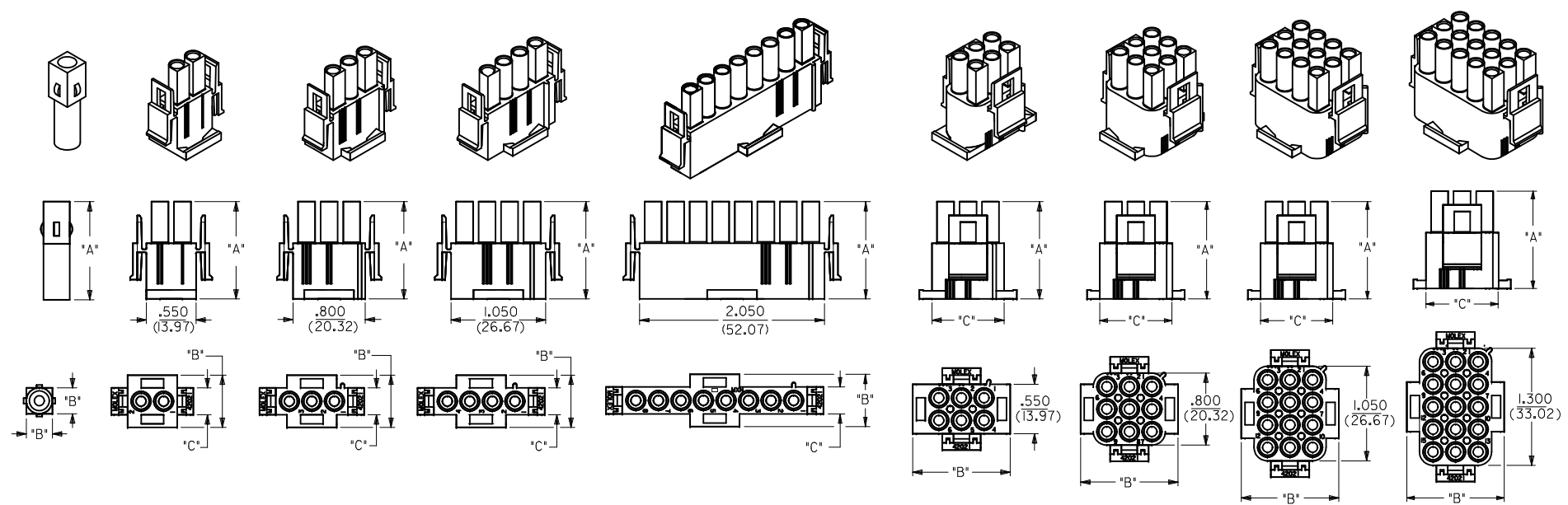
Mates With

42002 MLX™ Power Connector Header,
42022 MLX™ Pin and Socket Receptacle,
43255 MLX™ Power Connector Header

Use With

MLX Crimp Terminal 42023 , 42024

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



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

ENTER DESCRIPTION EC NO: 12009-0552 2009/12/01 DRWN:MMR01 CHKD:KPRASAD 2009/12/02 APPR:KPRASAD 2009/12/15 C4 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □		
		mm	INCH	DRAWN BY RK	DATE 87/11/16	TITLE HOUSING, PLUG .084/(2.13) DIA. SERIES				
		4 PLACES ± ---	± ---	CHECKED BY GW	DATE 87/11/16	MOLEX INCORPORATED				
		3 PLACES ± ---	± .010							
		2 PLACES ± 0.25	± 0.14	APPROVED BY GW		DATE 87/11/16	DOCUMENT NO. SD-42021-**			
		1 PLACE ± 0.36	± ---	MATERIAL NO.		SHEET NO. 1 OF 2				
		ANGULAR ± ---°		SEE TABLE						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

	13	12	11	10	9	8	7	6	5	4	3	2	1	
	PART NO.	ENG. NO.	CIRCUIT SIZE	MATERIAL (SEE NOTE 1)	DIM. "A"	DIM. "B"	DIM. "C"	STATUS						
J	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						
I	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				ACTIVE						
	050-84-1031	42021-3B	3	B				VOID						
	050-84-1035	42021-3C	3	C				ACTIVE						
	366430003	36643-003	3	E				ACTIVE						
H	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						
G	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				ACTIVE						
F	PRELIMINARY	42021-8B	8	B	1.080 (27.43)	.580 (14.73)	.300 (7.62)	ACTIVE						
	PRELIMINARY	42021-8C	8	C				ACTIVE						
	050-84-1090	42021-9A	9	A				ACTIVE						
	050-84-1091	42021-9B	9	B				VOID						
	050-84-1095	42021-9C	9	C				ACTIVE						
E	366430006	36643-006	9	E	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	ACTIVE						
	050-84-1120	42021-12A	12	A				VOID						
	050-84-1121	42021-12B	12	B				ACTIVE						
	050-84-1125	42021-12C	12	C				ACTIVE						
	366430007	36643-007	12	E				ACTIVE						
	050-84-1150	42021-15A	15	A				ACTIVE						
	050-84-1151	42021-15B	15	B				VOID						
	050-84-1155	42021-15C	15	C				ACTIVE						
	366430008	36643-008	15	E				ACTIVE						
	D	366480001	36648-001	1				D	1.080 (27.43)	.290(7.37) (14.73)	----	ACTIVE		
366480002		36648-002	2	D	ACTIVE									
366480003		36648-003	3	D	ACTIVE									
366480004		36648-004	4	D	ACTIVE									
366480005		36648-005	6	D	ACTIVE									
366480006		36648-006	9	D	ACTIVE									
366480007		36648-007	12	D	ACTIVE									
366480008		36648-008	15	D	ACTIVE									
C	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
COMPATIBLE PART NUMBERS

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

ENTER DESCRIPTION
EC NO: 12009-0552
2009/12/01
DRWN:HM01
CHKD:KRASAD
2009/12/02
APPR:KRASAD
2009/12/15

DESCRIPTION
REV
C4

QUALITY SYMBOLS
▽=0
▽=0

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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

DIMENSION STYLE
IN/MM

DRAWN BY	DATE
RK	87/11/16
CHECKED BY	DATE
GW	87/11/16
APPROVED BY	DATE
GW	87/11/16

MATERIAL NO.
SEE TABLE

SCALE
1:1

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

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

MOLEX INCORPORATED

DOCUMENT NO.
SD-42021-**

SHEET NO.
2 OF 2

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13

12

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