

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0050841060

Status:

Active

Overview:

mlx

Description:

2.13mm (.084") Diameter MLX™ Power Crimp Housing Plug, 6 Circuits

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 366430005

MolexKits

Yes

Overview

mlx

Product Name

MLX™

Physical

Circuits (maximum)

6

Circuits Detail

6

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

2

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

42021-6A

Reference - Drawing Numbers

Packaging Specification

PK-42021-**

Product Specification

PS-42022-0001, PSX-42022-0002

Sales Drawing

SD-42021-**

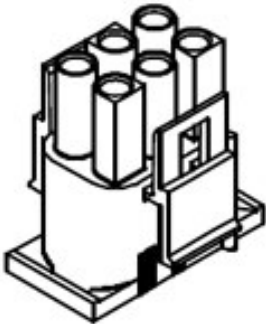


image - Reference only

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

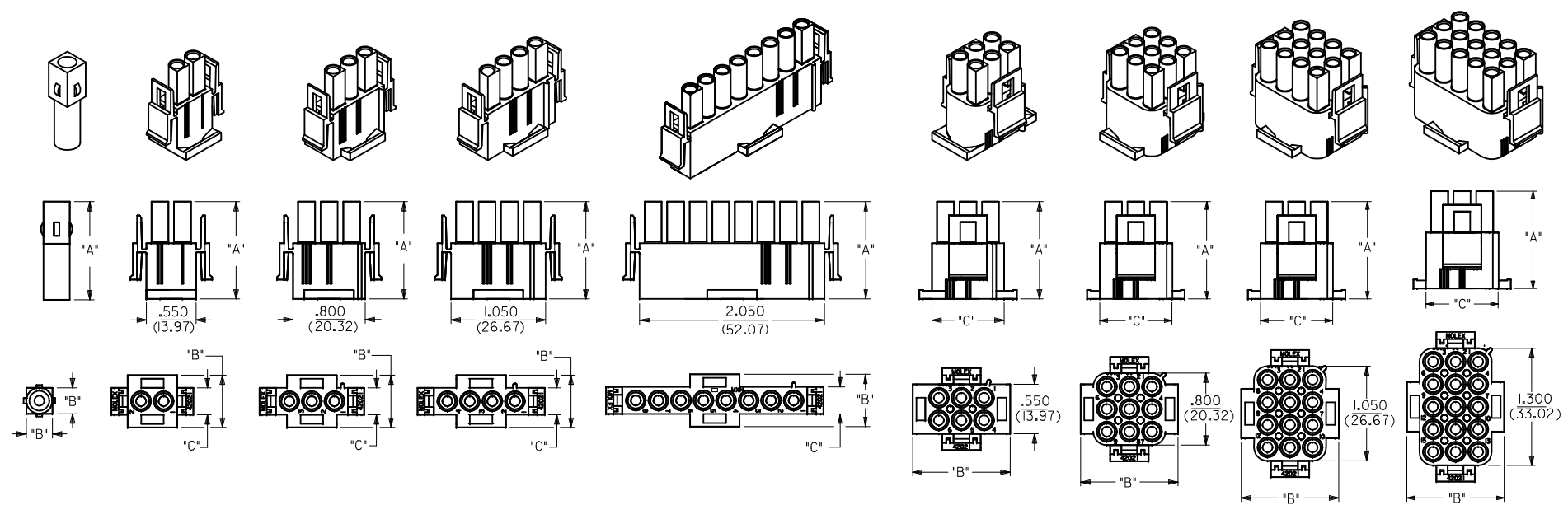
Mates With

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



ENTER DESCRIPTION EC NO: 12009-0552 2009/12/01 DRWN:MMR01 CHKD:KPRASAD 2009/12/02 APPR:KPRASAD 2009/12/15 C4	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
			IN/MM		1:1	INCH				
			mm	INCH	DRAWN BY		DATE		TITLE	
			4 PLACES ± ---	± ---	RK		87/11/16		HOUSING, PLUG .084/(2.13) DIA. SERIES	
			3 PLACES ± ---	± .010	CHECKED BY		DATE			
			2 PLACES ± .025	± 0.14	GWF		87/11/16			
			1 PLACE ± 0.36	± ---	APPROVED BY		DATE		MOLEX MOLEX INCORPORATED	
			ANGULAR ± ---°		GWF		87/11/16			
			DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-42021-**		1 OF 2	
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	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					
	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						
H	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						
G	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						
F	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						
E	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				ACTIVE						
D	050-84-1091	42021-9B	9	B	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	VOID						
	050-84-1095	42021-9C	9	C				ACTIVE						
	366430006	36643-006	9	E				ACTIVE						
	050-84-1120	42021-12A	12	A				ACTIVE						
C	050-84-1121	42021-12B	12	B	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	VOID						
	050-84-1125	42021-12C	12	C				ACTIVE						
	366430007	36643-007	12	E				ACTIVE						
	050-84-1150	42021-15A	15	A				ACTIVE						
B	050-84-1151	42021-15B	15	B	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	VOID						
	050-84-1155	42021-15C	15	C				ACTIVE						
	366430008	36643-008	15	E				ACTIVE						
	366480001	36648-001	1	D				.290(7.37)	----	ACTIVE				
A	366480002	36648-002	2	D	1.080 (27.43)	.580 (14.73)	.300 (7.62)	ACTIVE						
	366480003	36648-003	3	D				ACTIVE						
	366480004	36648-004	4	D				ACTIVE						
	366480005	36648-005	6	D				ACTIVE						
A	366480006	36648-006	9	D	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	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)	1.080(27.43)	.800(20.32)	OBSOLETE						
ENTER DESCRIPTION EC NO: 12009-0552 2009/12/01 DRWN:HM01 2009/12/02 CHKD:KRASAD 2009/12/15 APPR:KRASAD REV C4 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 DRAWN BY DATE RK 87/11/16 CHECKED BY DATE GWf 87/11/16 APPROVED BY DATE GWf 87/11/16 MATERIAL NO. SEE TABLE SIZE A 2 SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE HOUSING, PLUG .084/(2.13) DIA. SERIES MOLEX INCORPORATED SD-42021-** SHEET NO. 2 OF 2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
fb_frame_A2_P_AM_T Rev. E 2006/04/15	12	11	10	9	8	7	6	5	4	3	2	1		

NOTES:

- 1) MATERIAL CODES:
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COLOR: BLACK (ZYTEL 101F)
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COLOUR:NATURAL
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ACCORDING TO IEC 60335-4TH EDITION
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 - HEADER ASSEMBLY HOUSINGS, .084/(2.13) DIA. SERIES: (A-42002-*****)
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- 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:

