

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0366480001

Status:

Active

Overview:

mlx

Description:

2.13mm (.084") Diameter MLX™ Power Crimp Housing Plug, Nylon, 94V-2, 1 Circuit

Documents:

3D Model

Drawing (PDF)

Product Specification PS-42022-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

General

Product Family

Series

Overview

Product Name

Crimp Housings

42021

mlx

MLX™

Physical

Circuits (maximum)

Circuits Detail

Color - Resin

Flammability

Gender

Glow-Wire Compliant

Keying to Mating Part

Lock to Mating Part

Material - Resin

Number of Rows

Packaging Type

Panel Mount

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Polarized to Mating Part

Stackable

Temperature Range - Operating

1

1

Black

94V-0

Male

No

None

Yes

Nylon

1

Bag

No

0.000 In

0.00 mm

Yes

No

-55°C to +105°C

Electrical

Current - Maximum per Contact

13.5A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-42021-**

PS-42022-0001

SD-42021-**



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

42021Series

Mates With

42002 MLX™ Power Connector Header,

42022 MLX™ Pin and Socket Receptacle,

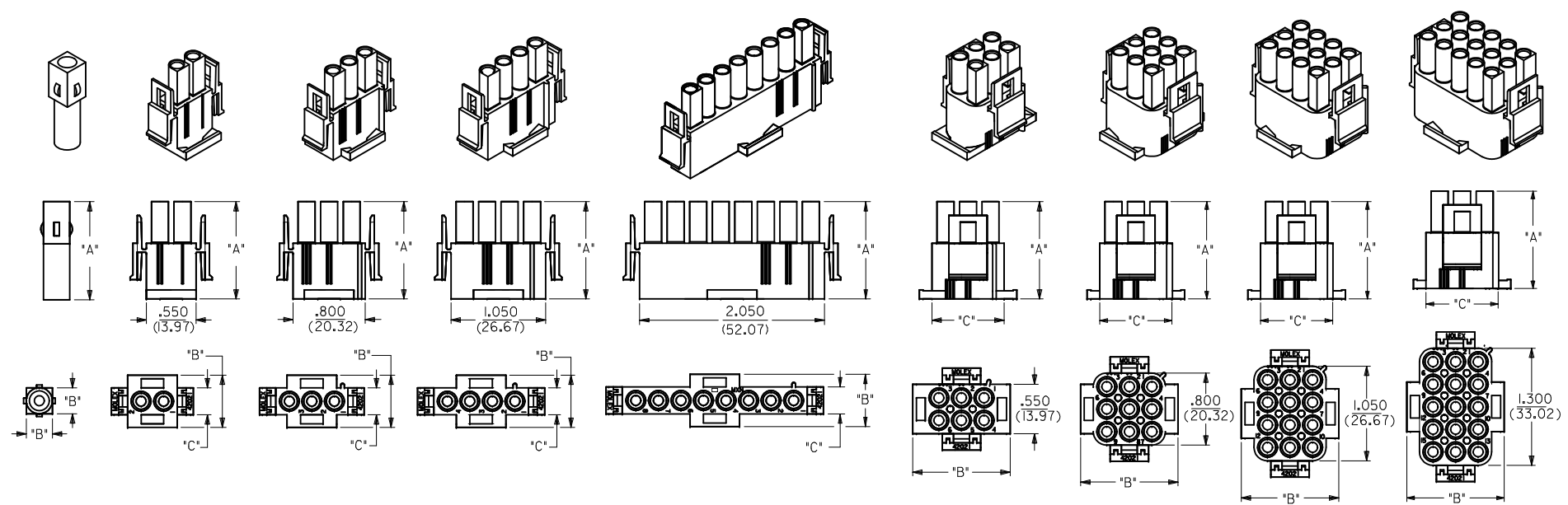
43255 MLX™ Power Connector Header

Use With

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

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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	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				
			3 PLACES ± --- ± .010	CHECKED BY	DATE	.084/(2.13) DIA. SERIES				
			2 PLACES ± 0.25 ± 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	
C4	REV	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							J
	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							I
	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							H
	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							G
	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							F
	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							E
	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) (27.43)	.300(7.62) (20.32)	OBSOLETE							C
	366410002	36641-002	9	D				OBSOLETE							
B														B	
A														A	
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:

"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:KPRASAD
2009/12/02
APPR:KPRASAD
2009/12/15

DESCRIPTION
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
DRAWN BY DATE
RK 87/11/16
CHECKED BY DATE
GWF 87/11/16
APPROVED BY DATE
GWF 87/11/16
MATERIAL NO.
SD-42021-***
DOCUMENT NO.
SD-42021-***
SHEET NO.
2 OF 2

THIRD ANGLE
PROJECTION

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

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LEGEND:

