

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0050841030

Status:

Active

Overview:

mlx

Description:

2.13mm (.084") Diameter MLX™ Power Crimp Housing Plug, 3 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 366430003

MolexKits

Yes

Overview

mlx

Product Name

MLX™

Physical

Circuits (maximum)

3

Circuits Detail

3

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

42021-3A

Reference - Drawing Numbers

Packaging Specification

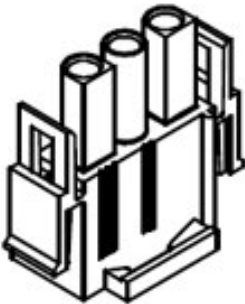
PK-42021-**

Product Specification

PS-42022-0001, PSX-42022-0002

Sales Drawing

SD-42021-**, SDIN-42022-0001



Series

image - Reference only

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

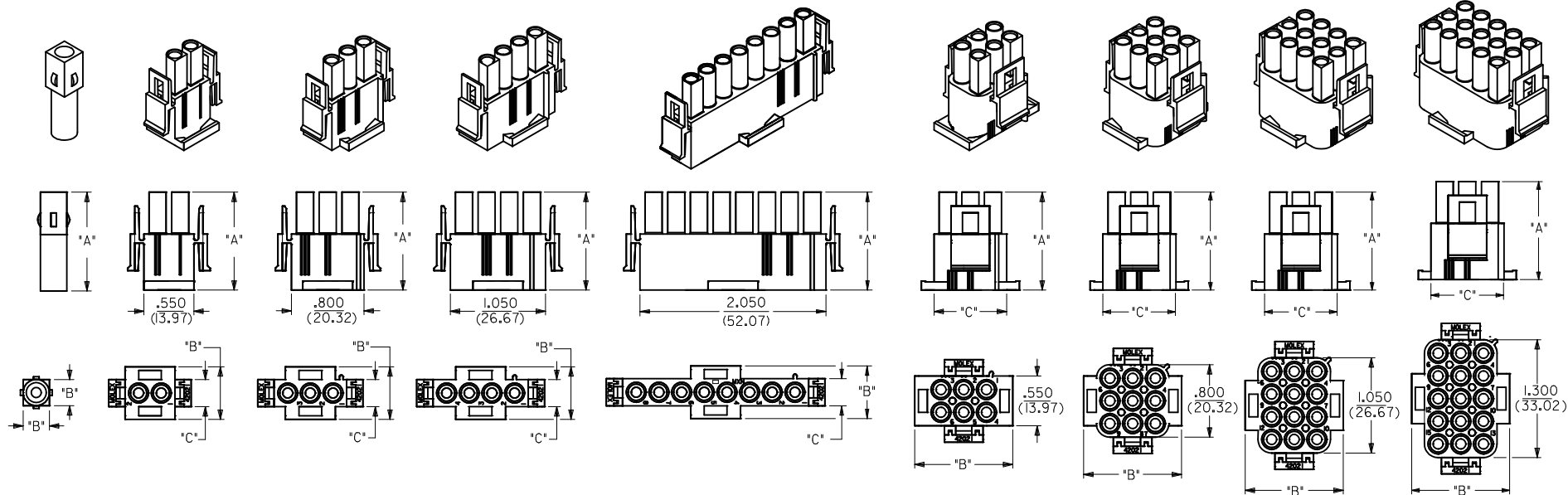
42002 MLX™ Power Connector Header,
42022 MLX™ Pin and Socket Receptacle,
43255 MLX™ Power Connector Header

Use With

MLX Crimp Terminal 42023 , 42024

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

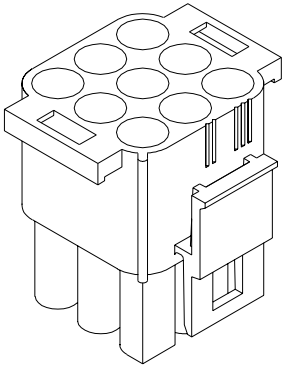
13 12 11 10 9 8 7 6 5 4 3 2 1



ENTER DESCRIPTION EC NO: 12009-0552 2009/12/01 DRWN:MMR01 CHKD:KPRASAD 2009/12/02 APPR:KPRASAD 2009/12/15 C4	DESCRIPTION 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 MOLEX INCORPORATED	
			3 PLACES	± ---	± .010				
			2 PLACES	± 0.25	± 0.14				
			1 PLACE	± 0.36	± ---				
			ANGULAR ± ---°		APPROVED BY GW	DATE 87/11/16			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
					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		

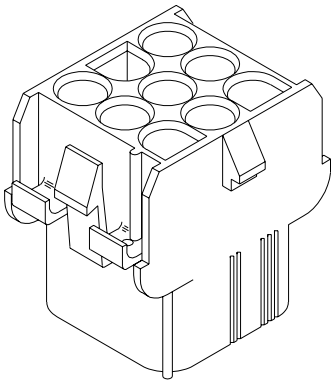
12 11 10 9 8 7 6 5 4 3 2 1

PLUG HOUSING



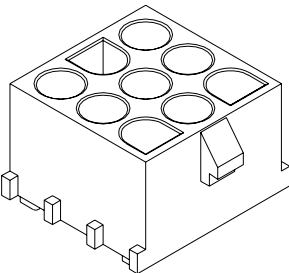
SD-42021-•A (V-2)
SD-42021-•B (V-0)

CAP HOUSING



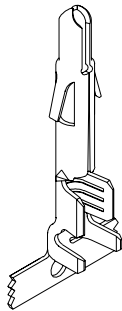
SD-42022-•A (V-2)
SD-42022-•B (V-0)

HEADER ASSEMBLY



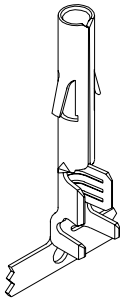
SDA-42002-•A1•I (V-2, PIN TERMINALS)
SDA-42002-•B1•I (V-0, PIN TERMINALS)
SDA-42002-•A2•I (V-2, SOCKET TERMINALS)
SDA-42002-•B2•I (V-0, SOCKET TERMINALS)

SPLIT PIN TERMINAL



SD-42023-2A1 (BRASS, TIN PLATED)
SD-42023-2A2 (BRASS, GOLD PLATED)
SD-42023-2B1 (PHOSPHOR BRONZE, TIN PLATED)
SD-42023-2B2 (PHOSPHOR BRONZE, GOLD PLATED)

SOCKET TERMINAL



SD-42024-1A1 (BRASS, TIN PLATED)
SD-42024-1A2 (BRASS, GOLD PLATED)
SD-42024-1B1 (PHOSPHOR BRONZE, TIN PLATED)
SD-42024-1B2 (PHOSPHOR BRONZE, GOLD PLATED)

FINISH: GOLD PLATED)								DIMENSIONS:				SHT		REV					
E8 NO. 120024-00443 DRAWN BY: BSS 26/04/04 CHK'D: CJ 26/04/04 APPR: CJ 26/04/04 B				GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE N.T.S.		DESIGN UNITS ☐ mm ☒ INCH		 THIRD ANGLE PROJECTION		☐ mm INCH ☒ mm ☐ mm ONLY		☐ mm INCH ☒ mm ☐ mm ONLY		SEE VISE ON CAD ONLY			
MAJOR =		CRITICAL =		DRAWN BY & DATE MAB 08/05/92		CHECKED BY & DATE KBP 08/05/92		APPROVED BY & DATE RAS 08/05/92		TITLE: MLX CONNECTOR FAMILY		MATERIAL NO. SDIN-42022-0001		DRAWING NO. SDIN-42022-0001		SHEET NO. 1 OF 1			
				ANGULAR: ± 1/2 °		CAD FILENAME SDIN42002.DGN		PRELIMINARY		MATERIAL NO. SDIN-42022-0001		DRAWING NO. SDIN-42022-0001		SHEET NO. 1 OF 1		SIZE C			
REV		DESCRIPTION		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.													

42022