

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0366430005

Status:

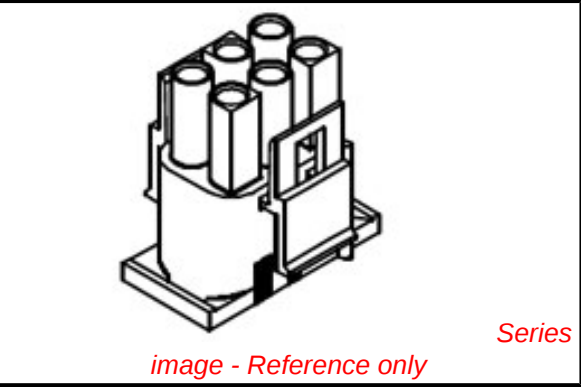
Active

Overview:

MLX

Description:

2.13mm (.084") Diameter MLX™ Plug Housing, 6 Circuits, PA Polyamide Nylon 6/6
94V-2, Glow Wire Compatible



Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-42022-0001 \(PDF\)](#)

General	
Product Family	Crimp Housings
Series	36643
Overview	MLX
Product Name	MLX™
Physical	
Circuits (maximum)	6
Circuits Detail	6
Color - Resin	Natural
Gender	Plug
Glow-Wire Compliant	Yes
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

Material Info

Reference - Drawing Numbers

Product Specification	PS-42022-0001
Sales Drawing	SD-42021-**

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

36643Series

Mates With

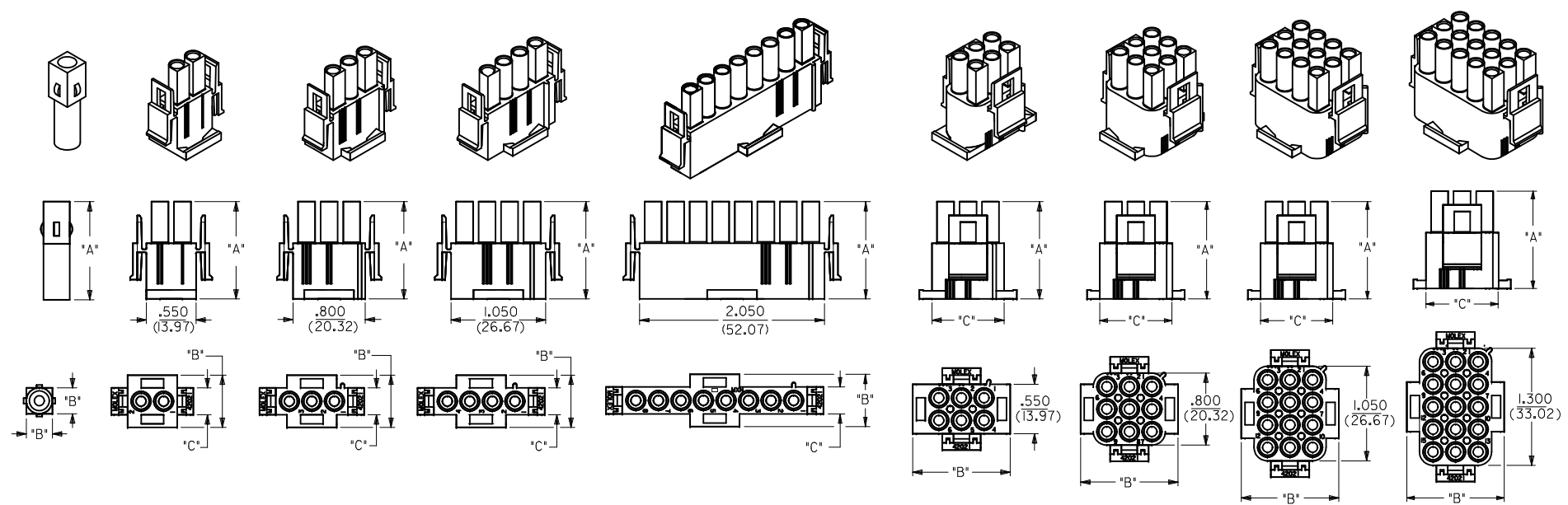
42022 Diameter MLX™ Pin and Socket Receptacle

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



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				
			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 INCORPORATED				
			ANGULAR ± ---°	GWF	87/11/16	MOLEX INCORPORATED				
			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									

	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									
PRELIMINARY	42021-8B	8	B	ACTIVE							F						
	42021-8C	8	C	ACTIVE													
	050-84-1090	42021-9A	9	A	ACTIVE												
F	050-84-1091	42021-9B	9	B	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	VOID							F		
	050-84-1095	42021-9C	9	C				ACTIVE									
	366430006	36643-006	9	E				ACTIVE									
	050-84-1120	42021-12A	12	A				ACTIVE									
E	050-84-1121	42021-12B	12	B	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	VOID							E		
	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									
D	050-84-1155	42021-15C	15	C	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	ACTIVE							D		
	366430008	36643-008	15	E				ACTIVE									
	366480001	36648-001	1	D				.290(7.37)	----	ACTIVE							
	366480002	36648-002	2	D						ACTIVE							
	366480003	36648-003	3	D						.580 (14.73)	.300 (7.62)	ACTIVE					
366480004	36648-004	4	D	ACTIVE													
366480005	36648-005	6	D	ACTIVE													
366480006	36648-006	9	D	1.080 (27.43)	1.080 (27.43)	.800 (20.32)	ACTIVE							C			
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	OBSOLETE													
B														B			
A														A			

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: I2009-0552

DRWN:HM01 2009/12/01

CHKD:KRASAD 2009/12/02

APPR:KRASAD 2009/12/15

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

A2

SCALE

1:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

TITLE

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

molex

MOLEX INCORPORATED

SD-42021-**

SHEET NO.
2 OF 2

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

tb_frame_A2_P_AM_T

Rev. E 2006/04/15

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