

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)

Product Specification PS-42022-0001 (PDF)

RoHS Certificate of Compliance (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-**

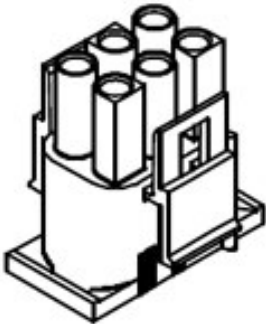


image - Reference only

Series

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed



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

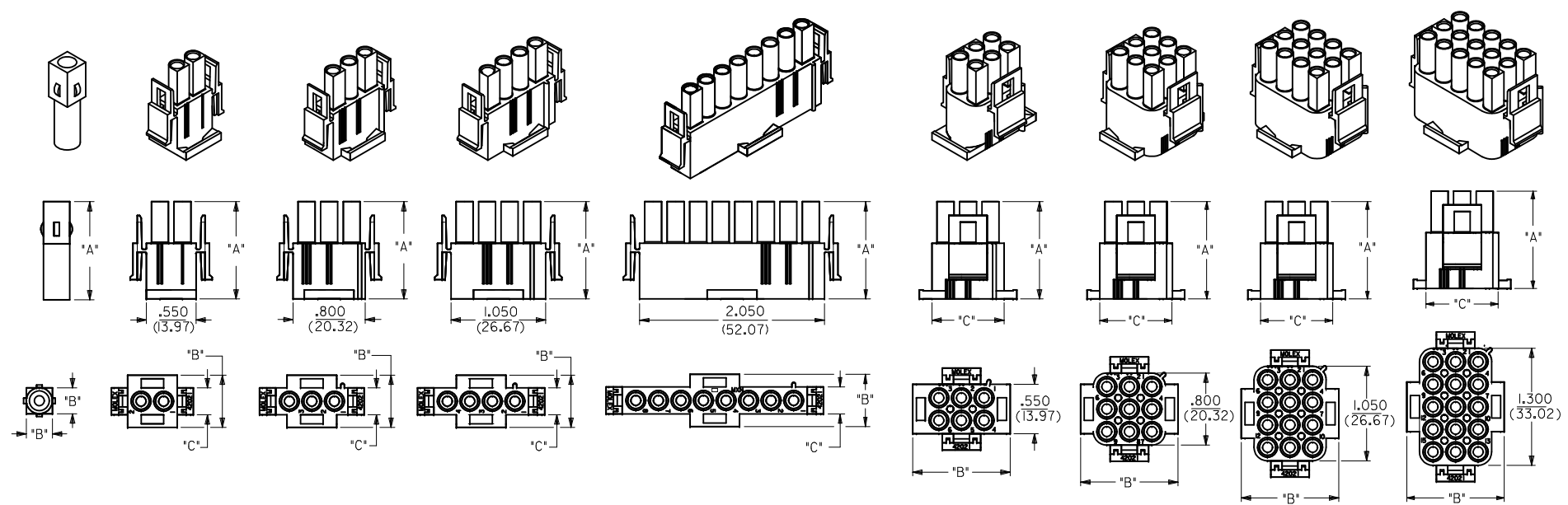
42022 Diameter MLX™ Pin and Socket
Receptacle

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	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 SD-42021-** 1 OF 2					
			3 PLACES ± ---	± .010	APPROVED BY GW	DATE 87/11/16						
			2 PLACES ± 0.25	± 0.14	MATERIAL NO.							
			1 PLACE ± 0.36	± ---	DOCUMENT NO.							
			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			

	19	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									
	PRELIMINARY	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				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						
	D	366480001	36648-001	1				D	1.080 (27.43)	.290(7.37)	----	ACTIVE					
366480002		36648-002	2	D	ACTIVE												
366480003		36648-003	3	D	1.080 (27.43)	.580 (14.73)	.300 (7.62)	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						C			
	366410002	36641-002	9	D	1.080(27.43)	1.080(27.43)	.800(20.32)	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 2009/12/01 DRWN:HM01 2009/12/02 CHKD:KPRASAD 2009/12/15 APPR:KPRASAD 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 GWf					DATE 87/11/16	
		3 PLACES	± ---	± .010	APPROVED BY GWf	DATE 87/11/16	MOLEX INCORPORATED				
2 PLACES	± 0.25	± 0.14	MATERIAL NO.		DOCUMENT NO.						SHEET NO.
1 PLACE	± 0.36	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-42021-**		2 OF 2		
C4		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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Rev. E 2006/04/15

12

11

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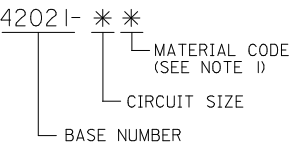
2

1

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COLOR: (BRICK RED)
- "C"= NYLON TYPE 6/6, 94V-0
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COLOR: BLACK (ZYTEL 101F)
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COLOUR:NATURAL
GLOW WIRE COMPATIBLE WITH CTI OF 325 VOLTS,
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- 3) PLUG HOUSINGS MATE WITH :
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 - 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:





**Стандарт
Электрон
Связь**

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