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Part Number: **0430201008**
Status: **Active**
Overview: Micro-Fit, 3.0™
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Plug Housing, Dual Row, without Panel Mount Ears, Halogen-Free, 10 Circuits, Glow Wire Compatible

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-43045 \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	Crimp Housings
Series	<u>43020</u>
Overview	<u>Micro-Fit, 3.0™</u>
Product Name	Micro-Fit 3.0™

Physical

Circuits (maximum)	10
Circuits Detail	10
Color - Resin	Black
Flammability	94V-0
Gender	Male
Glow-Wire Compliant	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Pitch - Term. Interface (in)	0.118 In
Pitch - Term. Interface (mm)	3.00 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

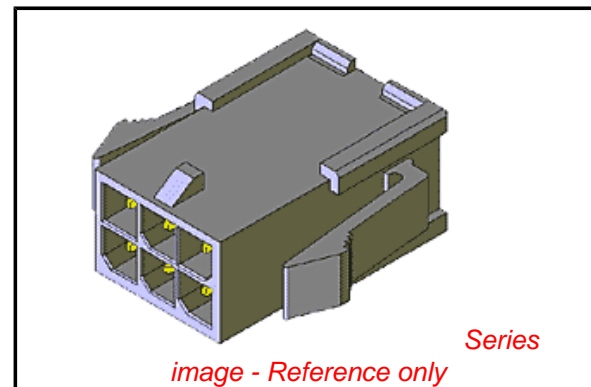
Electrical

Current - Maximum per Contact	5A
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Material Info

Reference - Drawing Numbers

Product Specification	PS-43045
Sales Drawing	SD-43020-001



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

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

43020Series

Mates With

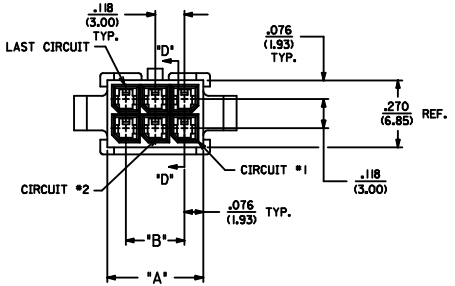
43025 Micro-Fit 3.0™ Receptacle Housing

Use With

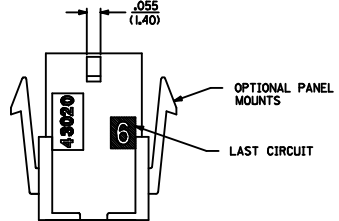
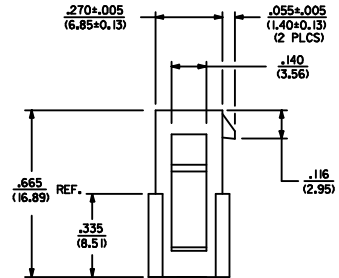
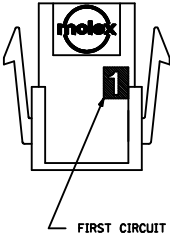
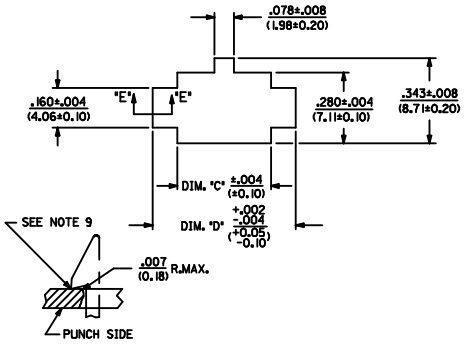
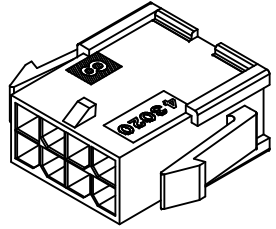
Micro-Fit 3.0™ Crimp Terminal, Male

ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS	
	NUMBER OF POSITION	PANEL MOUNT OPTION
43020-0208	2	YES
43020-0209	2	NO
43020-0408	4	YES
43020-0409	4	NO
43020-0808	8	YES
43020-0809	8	NO
43020-0808	8	YES
43020-0809	8	NO
43020-1008	10	YES
43020-1009	10	NO
43020-1208	12	YES
43020-1209	12	NO
	14	YES
	14	NO
	16	YES
	16	NO
	18	YES
	18	NO
	20	YES
	20	NO
	22	YES
	22	NO
	24	YES
	24	NO

CKT. NO.	DIM. 'A'	DIM. 'B'	DIM. 'C'	DIM. 'D'
2	.152/(3.86)	N/A	.166/(4.21)	.311/(7.90)
4	.270/(6.85)	.118/(3.00)	.284/(7.21)	.429/(10.90)
6	.388/(9.85)	.236/(6.00)	.402/(10.21)	.547/(13.89)
8	.506/(12.85)	.354/(9.00)	.520/(13.21)	.665/(16.89)
10	.624/(15.85)	.472/(12.00)	.638/(16.21)	.783/(19.89)
12	.742/(18.85)	.591/(15.00)	.756/(19.21)	.901/(22.89)
14	.860/(21.85)	.709/(18.00)	.874/(22.21)	1.019/(25.88)
16	.978/(24.85)	.827/(21.00)	.992/(25.21)	1.137/(28.88)
18	1.096/(27.85)	.945/(24.00)	1.110/(28.21)	1.255/(31.88)
20	1.215/(30.85)	1.063/(27.00)	1.229/(31.22)	1.373/(34.87)
22	1.333/(33.85)	1.181/(30.00)	1.347/(34.22)	1.491/(37.87)
24	1.451/(36.85)	1.299/(33.00)	1.465/(37.22)	1.609/(40.87)

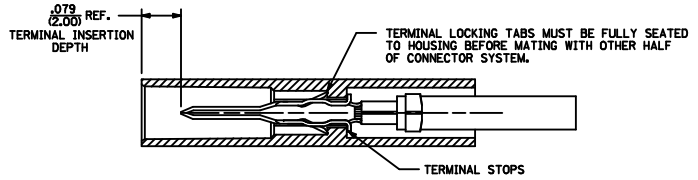


- NOTES:
- HOUSING MATERIAL: UNFILLED NYLON 6, UL 94V-0, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE, COLOR - BLACK
 - FINISH: N/A
 - PRODUCT SPECIFICATION: PS-43045
 - PACKAGING SPECIFICATION: N/A
 - THIS HOUSING MATES WITH MICRO-FIT RECEPTACLE #43025-****
 - THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL #43031-****
 - DESIGNED FOR .055(1.4) MINIMUM TO A .100(2.54) MAXIMUM THICK PANEL OR PRINTED CIRCUIT BOARD.
 - SEE SECTION 'D'-'D' FOR TERMINAL ORIENTATION IN HOUSING.
 - PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH SIDE FOR OPTIMUM RETENTION.
 - THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002, EXCEPT 2 AND 4. CIRCUIT PARTS CONFORM TO CLASS 'C' SURFACE REQUIREMENTS.



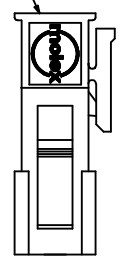
PLUG WITH OPTIONAL PANEL MOUNTS ISO VIEW (8 CIRCUIT SHOWN)

RECOMMENDED PANEL CUT-OUT

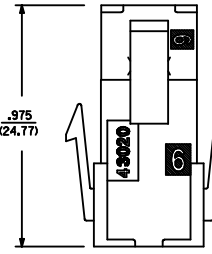


SECTION 'B'-'B'

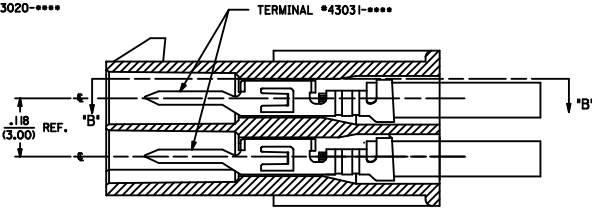
RECEPTACLE #43025-****



PLUG #43020-****



TERMINAL #43031-****



SECTION 'D'-'D' WITH TERMINAL (SCALE: 8X)

MATED MICRO-FIT CONNECTOR

ADD 2 CKT PART # IEC NO: LUCP2010-0682 DRAWN BY: DRWNSOUSEK 2009/09/24 2009/09/30 CHKD:SSOUSEK APPR:FSMITH 2009/09/30 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>±.01</td><td>±.0005</td></tr> <tr><td>3 PLACES</td><td>±.010</td><td>±.0004</td></tr> <tr><td>2 PLACES</td><td>±.025</td><td>±.0010</td></tr> <tr><td>1 PLACE</td><td>±.035</td><td>±.0014</td></tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	±.01	±.0005	3 PLACES	±.010	±.0004	2 PLACES	±.025	±.0010	1 PLACE	±.035	±.0014	DIMENSION STYLE IN/MM	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	±.01	±.0005																		
	3 PLACES	±.010	±.0004																		
2 PLACES	±.025	±.0010																			
1 PLACE	±.035	±.0014																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY MKIPPER	DATE 2008/01/18	TITLE MICRO-FIT(3,0) PLUG WITH OPTIONAL PANEL MOUNTS HALOGEN-FREE	MOLEX INCORPORATED																	
MATERIAL NO. SEE CHART	APPROVED BY FSMITH	DATE 2008/01/28	DOCUMENT NO. SD-43020-001	SHEET NO. 1 OF 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
SIZE D																					