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Part Number: [0430200800](#)
Status: **Active**
Overview: [Micro-Fit, 3.0™](#)
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Plug Housing, Dual Row, with Panel Mount Ears, 8 Circuits

Documents:

3D Model	Product Specification PS-43045 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	Crimp Housings
Series	43020
Comments	Glow Wire Equivalent Part Number 430200808
Overview	Micro-Fit, 3.0™
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Circuits (maximum)	8
Circuits Detail	8
Color - Resin	Black
Flammability	94V-0
Gender	Male
Glow-Wire Compliant	No
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

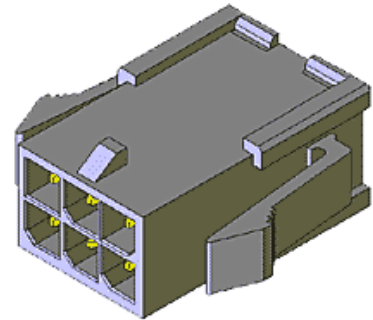
Electrical

Current - Maximum per Contact	5A
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Material Info

Reference - Drawing Numbers

Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SDA-43020-****



*Series
image - Reference only*

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.

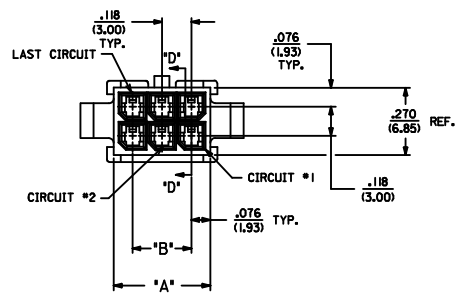
Search Parts in this Series
[43020Series](#)

Mates With
[43025](#) Micro-Fit 3.0™ Receptacle Housing

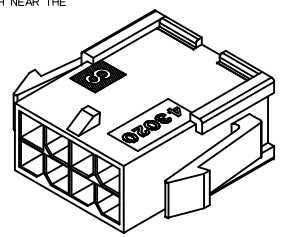
Use With
Micro-Fit 3.0™ Crimp Terminal, Male

ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS	
	NUMBER OF POSITION	PANEL MOUNT OPTION
43020-0200	02	YES
43020-0201	02	NO
43020-0400	04	YES
43020-0401	04	NO
43020-0600	06	YES
43020-0601	06	NO
43020-0800	08	YES
43020-0801	08	NO
43020-1000	10	YES
43020-1001	10	NO
43020-1200	12	YES
43020-1201	12	NO
43020-1400	14	YES
43020-1401	14	NO
43020-1600	16	YES
43020-1601	16	NO
43020-1800	18	YES
43020-1801	18	NO
43020-2000	20	YES
43020-2001	20	NO
43020-2200	22	YES
43020-2201	22	NO
43020-2400	24	YES
43020-2401	24	NO

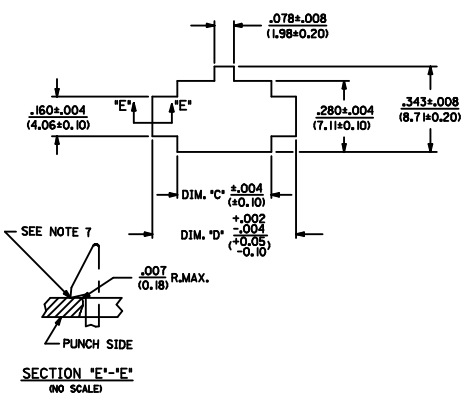
CKT. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	.152/(3.86)	N/A	.166/(4.21)	.311/(7.90)
4	.270/(6.85)	.118/(3.00)	.284/(7.21)	.429/(10.90)
6	.388/(9.85)	.236/(6.00)	.402/(10.21)	.547/(13.89)
8	.506/(12.85)	.354/(9.00)	.520/(13.21)	.665/(16.89)
10	.624/(15.85)	.472/(12.00)	.638/(16.21)	.783/(19.89)
12	.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)



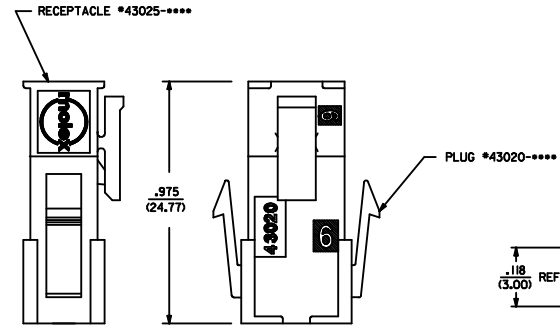
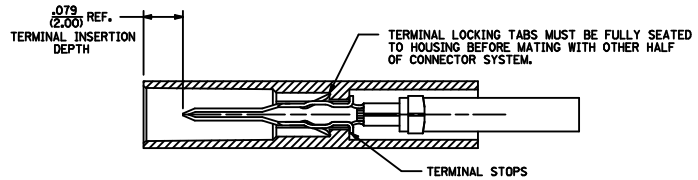
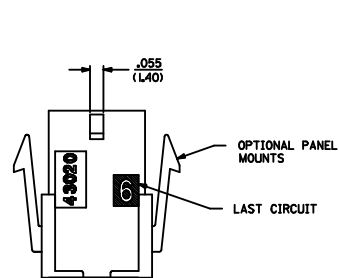
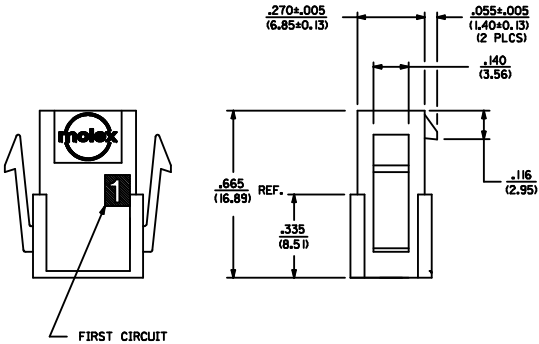
- NOTES:
- 1) HOUSING MATERIAL: UNFILLED POLYESTER (PBT), UL 94V-0
COLOR - BLACK
 - 2) FINISH: N/A
 - 3) PRODUCT SPECIFICATION: PS-43045
 - 4) PACKAGING SPECIFICATION: N/A
 - 5) THIS HOUSING MATES WITH MICRO-FIT RECEPTACLE #43025-****
 - 6) THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL #43031-****
 - 7) DESIGNED FOR .055/(1.4) MINIMUM TO A .100/(2.54) MAXIMUM THICK PANEL OR PRINTED CIRCUIT BOARD.
 - 8) SEE SECTION "D"-D" FOR TERMINAL ORIENTATION IN HOUSING.
 - 9) PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH SIDE FOR OPTIMUM RETENTION.
 - 10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002. SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE LOCATION THAT DOES NOT AFFECT FUNCTIONALITY.



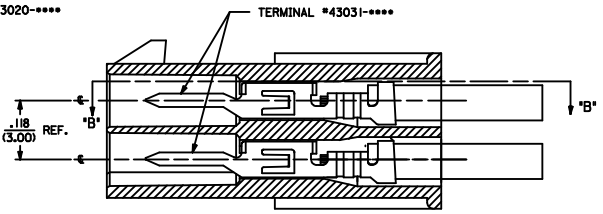
PLUG WITH OPTIONAL
PANEL MOUNTS
ISO VIEW
(8 CIRCUIT SHOWN)



RECOMMENDED PANEL CUT-OUT



MATED MICRO-FIT CONNECTOR



SECTION "D"-D"
WITH TERMINAL
(SCALE 8X)

COSMETIC SPEC IEC NO: UCP2009-2841 DRAWN BY: 2009/05/26 CHKD BY: 2009/05/28 APPR: FSW/TH REV: 2009/05/28	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION						
		4 PLACES ± ---	± ---	mm	INCH	DRAWN BY AFG	DATE 1993/01/07	TITLE MICRO-FIT(3.0) 2 THRU 24 CIRCUIT PLUG WITH OPTIONAL PANEL MOUNTS								
		3 PLACES ± ---	± .010			CHECKED BY BAP	DATE 1993/01/07	MOLEX INCORPORATED								
		2 PLACES ± 0.25	± .014			APPROVED BY RAS	DATE 1993/01/07	DOCUMENT NO. SDA-43020-****								
		1 PLACE ± 0.35	± ---			MATERIAL NO. SEE CHART		SHEET NO. 1 OF 1								
		ANGULAR ±1/2°				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														