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Part Number: [0430201201](#)
Status: **Active**
Overview: [microfit_30](#)
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Plug Housing, Dual Row, without Panel Mount Ears, 12 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 430201209
Overview	microfit_30
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Circuits (maximum)	12
Circuits Detail	12
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	No
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

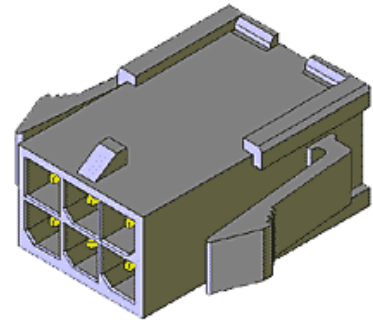
Electrical

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](#)

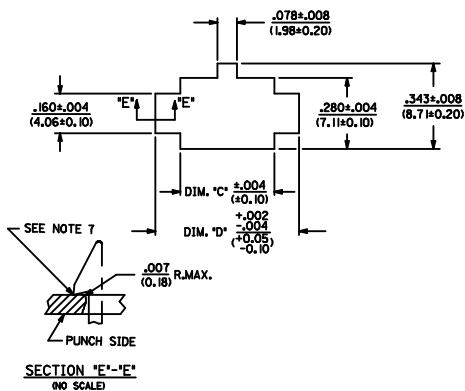
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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

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

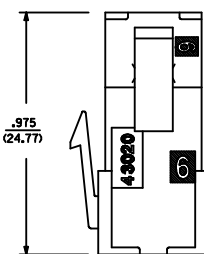
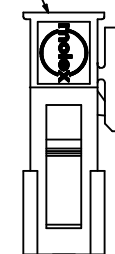
Use With
Micro-Fit 3.0™ Crimp Terminal, Male

ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS		CKT. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
	NUMBER OF POSITION	PANEL MOUNT OPTION					
43020-0200	02	YES	2	.152/(3.86)	N/A	.166/(4.21)	.311/(7.90)
43020-0201	02	NO	4	.270/(6.85)	.118/(3.00)	.284/(7.21)	.429/(10.90)
43020-0400	04	YES	6	.388/(9.85)	.236/(6.00)	.402/(10.21)	.547/(13.89)
43020-0401	04	NO	8	.506/(12.85)	.354/(9.00)	.520/(13.21)	.665/(16.89)
43020-0600	06	YES	10	.624/(15.85)	.472/(12.00)	.638/(16.21)	.783/(19.89)
43020-0601	06	NO	12	.742/(18.85)	.591/(15.00)	.756/(19.21)	.901/(22.89)
43020-0800	08	YES	14	.860/(21.85)	.709/(18.00)	.874/(22.20)	1.019/(25.88)
43020-0801	08	NO	16	.978/(24.85)	.827/(21.00)	.992/(25.20)	1.137/(28.88)
43020-1000	10	YES	18	1.096/(27.85)	.945/(24.00)	1.110/(28.20)	1.255/(31.88)
43020-1001	10	NO	20	1.215/(30.85)	1.063/(27.00)	1.229/(31.22)	1.373/(34.87)
43020-1200	12	YES	22	1.333/(33.85)	1.181/(30.00)	1.347/(34.22)	1.491/(37.87)
43020-1201	12	NO	24	1.451/(36.85)	1.299/(33.00)	1.465/(37.22)	1.609/(40.87)
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					

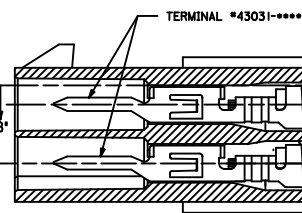


RECOMMENDED PANEL CUT-OUT

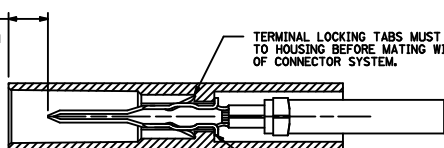
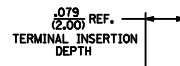
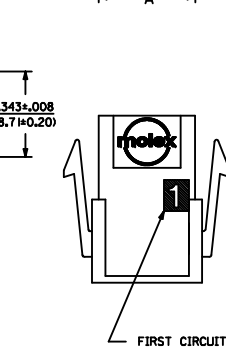
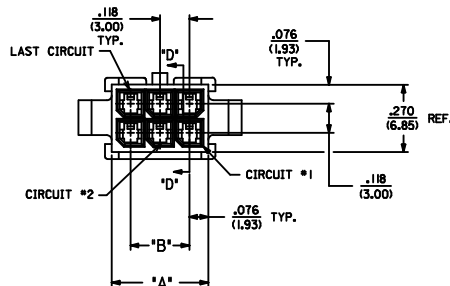
RECEPTACLE #43025-****



PLUG #43020-****



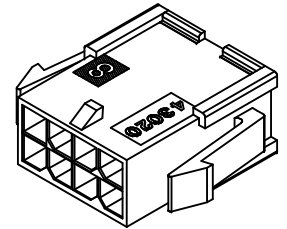
SECTION "D"- "D"
WITH TERMINAL
(SCALE 8X)



SECTION "B"- "B"

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)

COSMETIC SPEC IEC NO: UCP2009-2841 E2 DRAWN BY: 2009/05/26 CHKD BY: 2009/05/28 APPR: FSW/TH REV: 2009/05/28	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
			mm INCH		DRAWN BY DATE		TITLE					
			4 PLACES ± --- ± ---		AFG 1993/01/07		MICRO-FIT(3.0) 2 THRU					
			3 PLACES ± --- ± .010		CHECKED BY DATE		24 CIRCUIT PLUG WITH					
			2 PLACES ± 0.25 ± .014		BAP 1993/01/07		OPTIONAL PANEL MOUNTS					
1 PLACE ± 0.35 ± ---		APPROVED BY DATE		MOLEX MOLEX INCORPORATED								
ANGULAR ±1/2°		RAS 1993/01/07										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-43020-****						SHEET NO. 1 OF 1		
		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								