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Part Number: [0430202401](#)
Status: **Active**
Overview: [microfit_30](#)
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Plug Housing, Dual Row, without Panel Mount Ears, 24 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](#)
Overview [microfit_30](#)
Product Literature Order No USA-106
Product Name Micro-Fit 3.0™

Physical

Circuits (maximum) 24
Circuits Detail 24
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

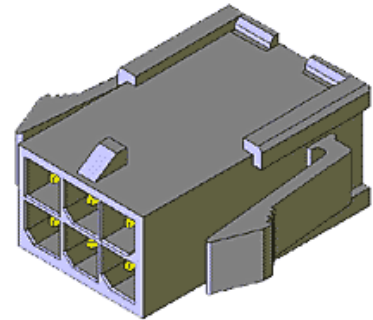
Electrical

Current - Maximum per Contact 5A

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.

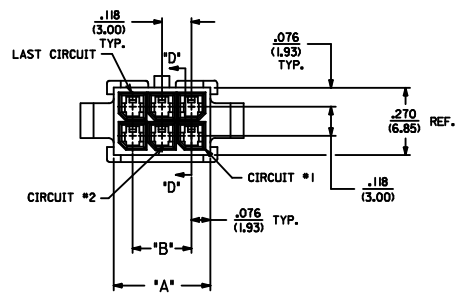
Search Parts in this Series
[43020Series](#)

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

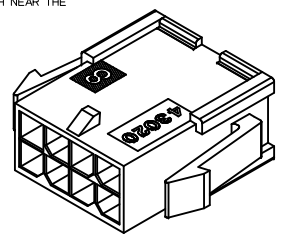
Use With
Micro-Fit 3.0™ Crimp Terminal, Male

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

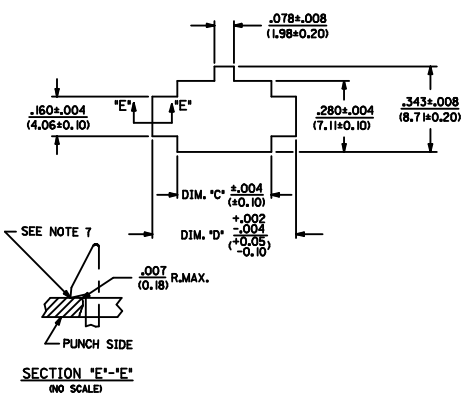
CKT. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
2	.152/(3.86)	N/A	.166/(4.21)	.311/(7.90)
4	.270/(6.85)	.118/(3.00)	.284/(7.21)	.429/(10.90)
6	.388/(9.85)	.236/(6.00)	.402/(10.21)	.547/(13.89)
8	.506/(12.85)	.354/(9.00)	.520/(13.21)	.665/(16.89)
10	.624/(15.85)	.472/(12.00)	.638/(16.21)	.783/(19.89)
12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



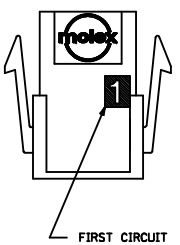
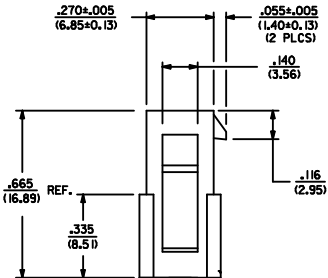
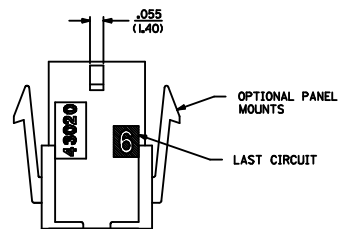
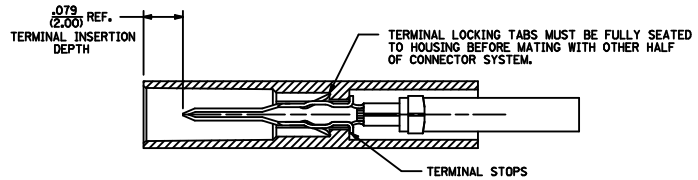
- NOTES:
- 1) HOUSING MATERIAL: UNFILLED POLYESTER (PBT), UL 94V-0
COLOR - BLACK
 - 2) FINISH: N/A
 - 3) PRODUCT SPECIFICATION: PS-43045
 - 4) PACKAGING SPECIFICATION: N/A
 - 5) THIS HOUSING MATES WITH MICRO-FIT RECEPTACLE #43025-****
 - 6) THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL #43031-****
 - 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.



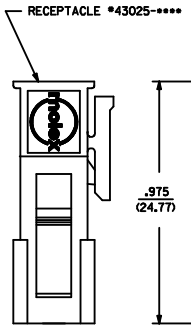
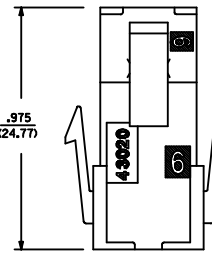
PLUG WITH OPTIONAL
PANEL MOUNTS
ISO VIEW
(8 CIRCUIT SHOWN)



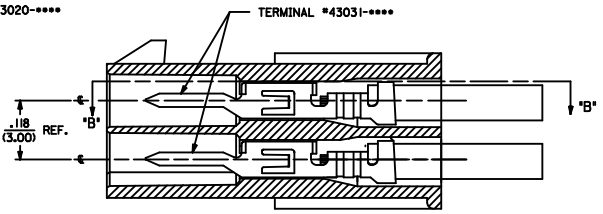
RECOMMENDED PANEL CUT-OUT



SECTION "B"-B"



MATED MICRO-FIT CONNECTOR



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

COSMETIC SPEC IEC NO: UCP2009-2841 E2 DRAWN BY: 2009/05/26 CHKD BY: 2009/05/28 APPR: FSW/TH REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---		DRAWN BY: AFG		DATE: 1993/01/07		TITLE: MICRO-FIT(3.0) 2 THRU 24 CIRCUIT PLUG WITH OPTIONAL PANEL MOUNTS		SHEET NO. 1 OF 1		
		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 ± ---		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART						
		ANGULAR ±1/2°										