

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0430250600](#)
Status: **Active**
Overview: [microfit_30](#)
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Receptacle Housing, Dual Row, 6 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	43025
Comments	Glow Wire Equivalent Part Number 430250608 . Polarized to Mating Part microfit_30
Overview	microfit_30
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Circuits (maximum)	6
Circuits Detail	6
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	None
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
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

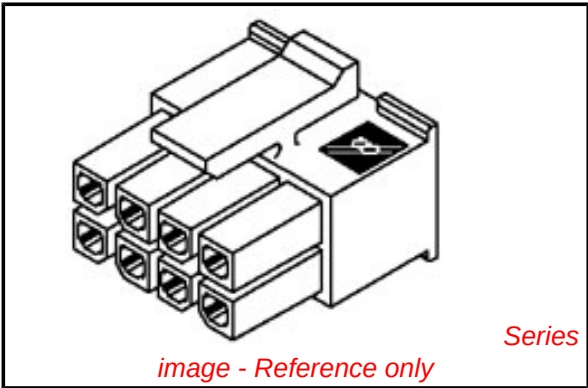
Electrical

Current - Maximum per Contact	5A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43025-001
Product Specification	PS-43045, RPS-43045-001, RPS-43045-003, RPS-43045-004
Sales Drawing	SDA-43025-****
Test Summary	TS-43045-001



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.

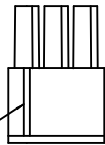
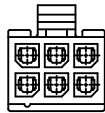
Search Parts in this Series
[43025Series](#)

Mates With
Micro-Fit 3.0™ Plug Housing [43020](#). Micro-
Fit 3.0™ Header [43045](#). Micro-Fit 3.0™ Test
Plug [44242](#)

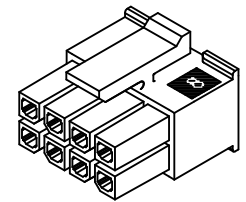
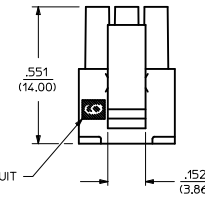
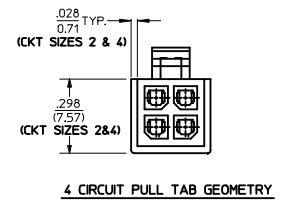
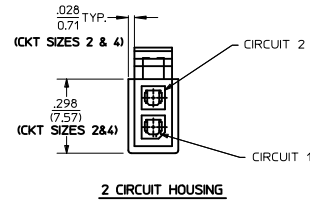
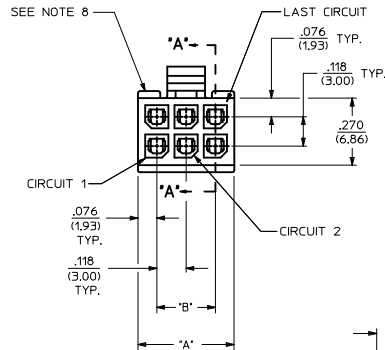
Use With
Micro-Fit 3.0™ Crimp Terminal [43030](#)

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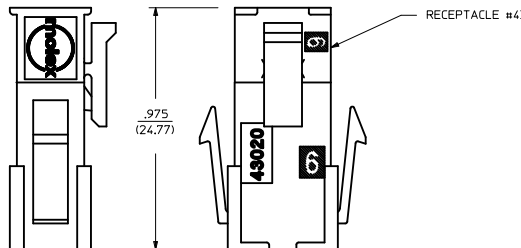
PART CHARACTERISTICS		CKT. NO.	DIM. "A"	DIM. "B"
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER	2	.152/(3.86)	N/A
02	43025-0200	4	.270/(6.85)	.118/(3.00)
04	43025-0400	6	.388/(9.85)	.236/(6.00)
06	43025-0600	8	.506/(12.85)	.354/(9.00)
08	43025-0800	10	.624/(15.85)	.472/(12.00)
10	43025-1000	12	.742/(18.85)	.591/(15.00)
12	43025-1200	14	.860/(21.85)	.709/(18.00)
14	43025-1400	16	.978/(24.85)	.827/(21.00)
16	43025-1600	18	1.096/(27.85)	.945/(24.00)
18	43025-1800	20	1.215/(30.85)	1.063/(27.00)
20	43025-2000	22	1.333/(33.85)	1.181/(30.00)
22	43025-2200	24	1.451/(36.85)	1.299/(33.00)
24	43025-2400			



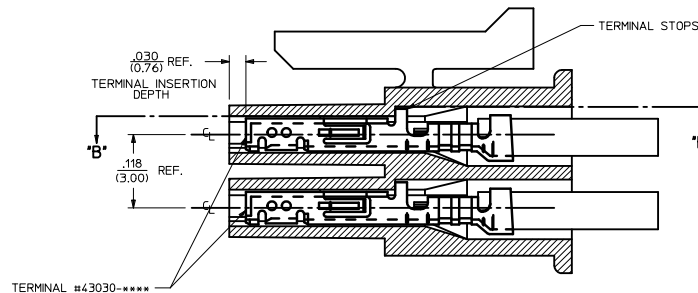
HOUSING SHOWN WITH OPTIONAL
FIRST CIRCUIT IDENTIFIER RIB
(SEE NOTE #11)



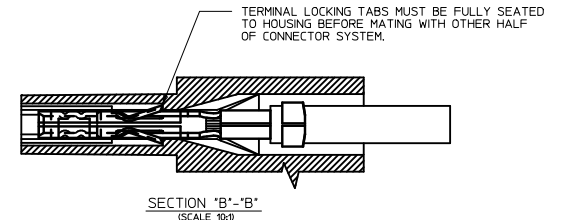
RECEPTACLE
ISO VIEW
(8 CIRCUIT SHOWN)
(SEE NOTE 9 FOR TESTING)



MATED MICRO-FIT CONNECTOR



SECTION "A"- "A"
WITH TERMINAL
(SCALE 10:1)



SECTION "B"- "B"
(SCALE 10:1)

NOTES:

- HOUSING MATERIAL: UNFILLED POLYESTER, RATED UL, 94V-0, COLOR IS BLACK.
- FINISH: N/A
- PRODUCT SPECIFICATION: PS-43045
- PACKAGING SPECIFICATION: PK-43025-001
- THIS RECEPTACLE MATES WITH 43020, 43045.
- THIS RECEPTACLE TO BE USED WITH MOLEX FEMALE TERMINAL #43030-****. SEE SECTION "A"- "A" FOR TERMINAL ORIENTATION IN HOUSING.
- FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDES-43025-1000.
- TOP PULL TABS ARE NOT AVAILABLE ON 2 AND 4 CIRCUIT PARTS.
- MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG, SERIES NO. 44242-**** WHENEVER TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED FOR MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS FOR HARNESS TESTING PURPOSES.
- SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE THAT DOES NOT AFFECT FUNCTIONALITY.
- HOUSINGS MAY HAVE EITHER AN IDENTIFIER RIB OR "1" SYMBOL ENGRAVE TO INDICATE CIRCUIT #1.
- THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

ADD PK SPEC. NOTES		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2010-0075	2009/11/18	DRW:MS00505K	2009/11/25	CHKD:JELL	2009/11/25	APPR:SMITH	2009/11/30	mm	INCH	IN/MM	DATE	DATE	DATE
4 PLACES ±		±		±		A.F.G.		1993/01/14		TITLE		MICRO-FIT (3.0)	
3 PLACES ±		±		±.010		CHECKED BY		DATE		B.A.P.		1993/01/14	
2 PLACES ±		±.025		±.014		APPROVED BY		DATE		R.A.S		1993/01/14	
1 PLACE ±		±.035		±		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-43025-****		1 OF 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					