

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0430250208](#)
Status: **Active**
Overview: [microfit_30](#)
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Receptacle Housing, Single Row, 2 Circuits, Halogen Free, Glow Wire Compatible

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

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

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	Crimp Housings
Series	43025
Comments	Polarized to Mating Part
Overview	microfit_30
Product Name	Micro-Fit 3.0™

Physical

Circuits (maximum)	2
Circuits Detail	2
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	Yes
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

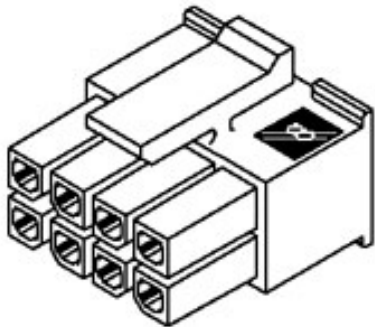
Electrical

Current - Maximum per Contact	5A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43025-001
Product Specification	PS-43045
Sales Drawing	SD-43025-001
Test Summary	TS-43045-001



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](#)

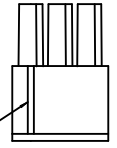
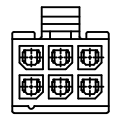
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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

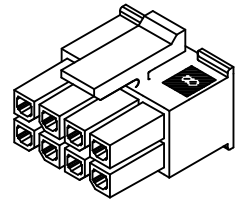
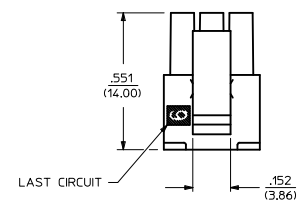
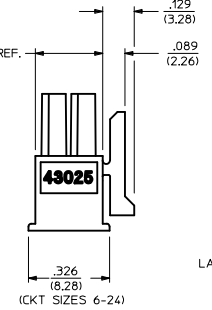
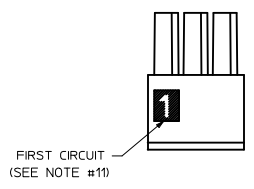
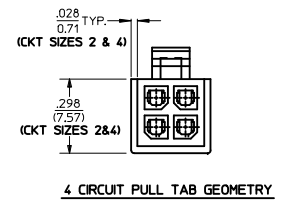
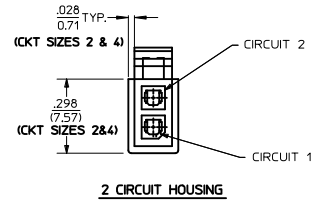
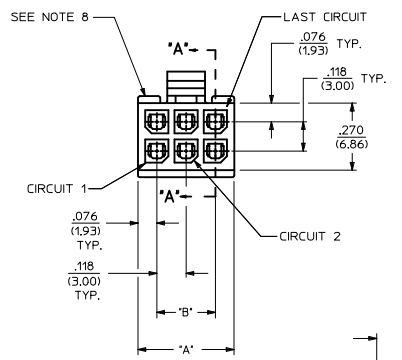
Mates With
Micro-Fit 3.0™ Plug Housing [43020](#). Micro-
Fit 3.0™ Header [43045](#). Micro-Fit 3.0™ Test
Plug [44242](#)

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

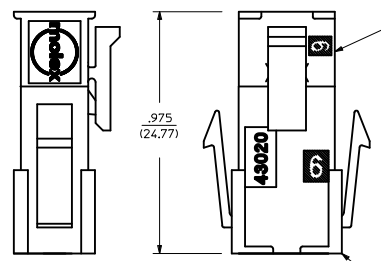
PART CHARACTERISTICS		CKT. NO.	DIM. "A"	DIM. "B"
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER			
02	43025-0208	2	.152/(3.86)	N/A
04	43025-0408	4	.270/(6.85)	.118/(3.00)
06	43025-0608	6	.388/(9.85)	.236/(6.00)
08	43025-0808	8	.506/(12.85)	.354/(9.00)
10	43025-1008	10	.624/(15.85)	.472/(12.00)
12	43025-1208	12	.742/(18.85)	.591/(15.00)
14	43025-1408	14	.860/(21.85)	.709/(18.00)
16	43025-1608	16	.978/(24.85)	.827/(21.00)
18	NOT TOOLED	18	1.096/(27.85)	.945/(24.00)
20	NOT TOOLED	20	1.215/(30.85)	1.063/(27.00)
22	NOT TOOLED	22	1.333/(33.85)	1.181/(30.00)
24	43025-2408	24	1.451/(36.85)	1.299/(33.00)



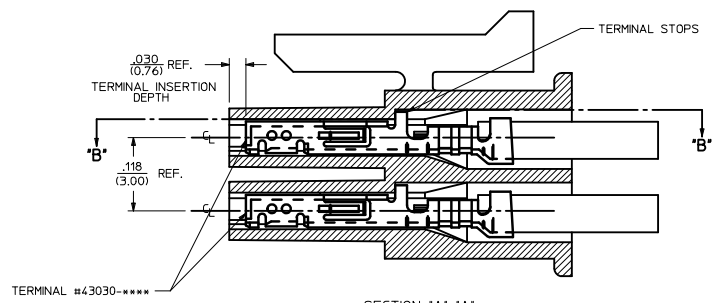
HOUSING SHOWN WITH OPTIONAL
FIRST CIRCUIT IDENTIFIER RIB
(SEE NOTE #11)



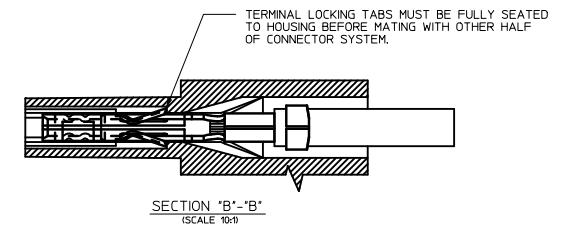
RECEPTACLE
ISO VIEW
(8 CIRCUIT SHOWN)
(SEE NOTE 9 FOR TESTING)



MATED MICRO-FIT CONNECTOR



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



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

NOTES:

- HOUSING MATERIAL: UNFILLED NYLON 6, RATED UL 94V-0, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE, 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 EC NO: UCP2010-0075 2009/11/18 DPMWAS00SEK CHIKO-BELL 2009/11/25 APPROVAL TH 2009/11/30	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	TITLE		
		4 PLACES ± ---	± ---	MMKIPPER	2008/01/22	MICRO-FIT (3.0)			
		3 PLACES ± ---	± .010	CHECKED BY	DATE	2 THRU 24 CIRCUIT			
		2 PLACES ± 0.25	± .014	SSOUSEK	2008/01/25	RECEPTACLE, HALOGEN-FREE			
REV	DESCRIPTION	1 PLACE ± 0.35	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED			
		ANGULAR ± 1/2°		FSMITH	2008/02/02				
				MATERIAL NO.	DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D			SEE CHART SD-43025-001 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
							1 OF 1		