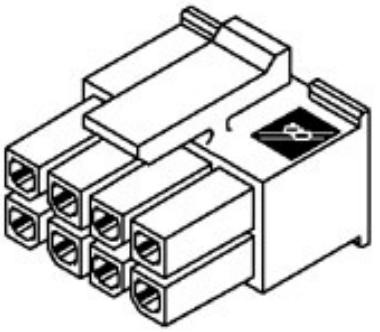
This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0430250408
Status: Active
Overview: microfit_30
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Receptacle Housing, Single Row, 4 Circuits, Halogen Free, Glow Wire Compatible



Series image - Reference only

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)	4
Circuits Detail	4
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

Material Info

Reference - Drawing Numbers

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

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

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

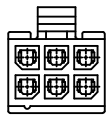
Use With
Micro-Fit 3.0™ Crimp Terminal 43030

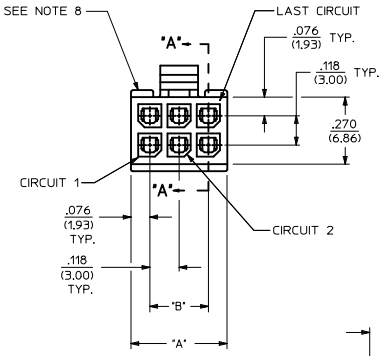
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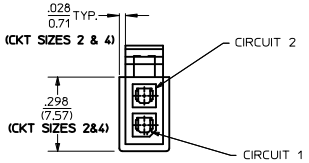
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

PART CHARACTERISTICS	
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER
02	43025-0208
04	43025-0408
06	43025-0608
08	43025-0808
10	43025-1008
12	43025-1208
14	43025-1408
16	43025-1608
18	NOT TOOLED
20	NOT TOOLED
22	NOT TOOLED
24	43025-2408

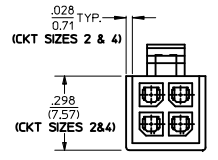
CKT. NO.	DIM. "A"	DIM. "B"
2	.152/(3.86)	N/A
4	.270/(6.85)	.118/(3.00)
6	.388/(9.85)	.236/(6.00)
8	.506/(12.85)	.354/(9.00)
10	.624/(15.85)	.472/(12.00)
12	.742/(18.85)	.591/(15.00)
14	.860/(21.85)	.709/(18.00)
16	.978/(24.85)	.827/(21.00)
18	1.096/(27.85)	.945/(24.00)
20	1.215/(30.85)	1.063/(27.00)
22	1.333/(33.85)	1.181/(30.00)
24	1.451/(36.85)	1.299/(33.00)



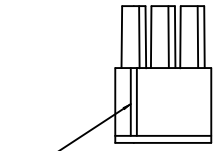




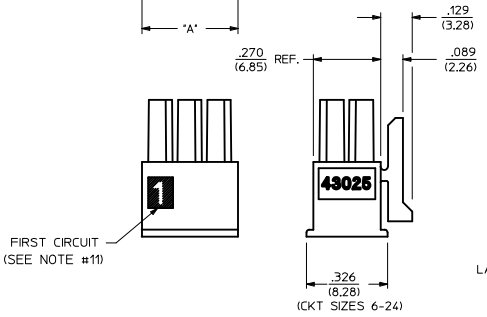
2 CIRCUIT HOUSING

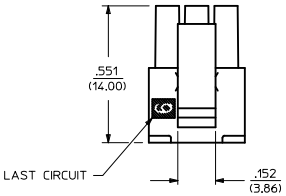


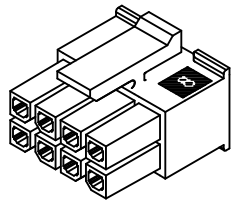
4 CIRCUIT PULL TAB GEOMETRY



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

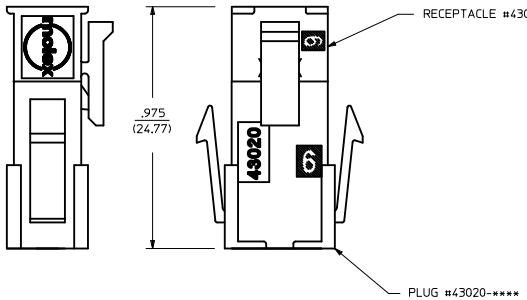




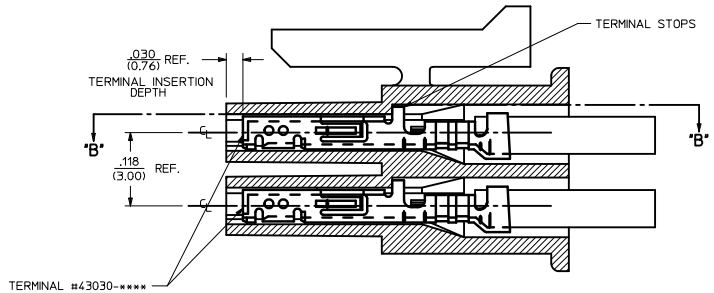


RECEPTACLE
ISO VIEW
(8 CIRCUIT SHOWN)

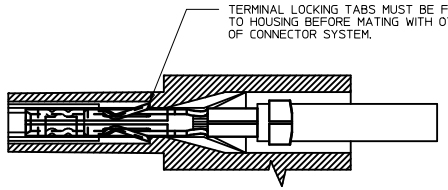
(SEE NOTE 9 FOR TESTING)



MATED MICRO-FIT CONNECTOR



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



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

NOTES:

1) HOUSING MATERIAL: UNFILLED NYLON 6, RATED U.L. 94V-0, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE, COLOR IS BLACK.
2) FINISH: N/A
3) PRODUCT SPECIFICATION: PS-43045
4) PACKAGING SPECIFICATION: PK-43025-001
5) THIS RECEPTACLE MATES WITH 43020, 43045.
6) THIS RECEPTACLE TO BE USED WITH MOLEX FEMALE TERMINAL #43030-****. SEE SECTION "A"-"A" FOR TERMINAL ORIENTATION IN HOUSING.
7) FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDES-43025-1000.
8) TOP PULL TABS ARE NOT AVAILABLE ON 2 AND 4 CIRCUIT PARTS.
9) 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.
10) SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE THAT DOES NOT AFFECT FUNCTIONALITY.
11) HOUSINGS MAY HAVE EITHER AN IDENTIFIER RIB OR "1" SYMBOL ENGRAVE TO INDICATE CIRCUIT #1.
12) THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

ADD PK SPEC
EC NO: UCP2010-1075 2009/11/18
DRWN:SSOUSEK 2009/11/25
CHKD:JBELL 2009/11/30
APPR:FSMITH 2009/11/30
DESCRIPTION
A2
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MKIPPER	2008/01/22
CHECKED BY	SSOUSEK	2008/01/25
APPROVED BY	FSMITH	2008/02/02

TITLE: MICRO-FIT (3.0) 2 THRU 24 CIRCUIT RECEPTACLE, HALOGEN-FREE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-43025-001
SHEET NO.: 1 OF 1
SIZE: D

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