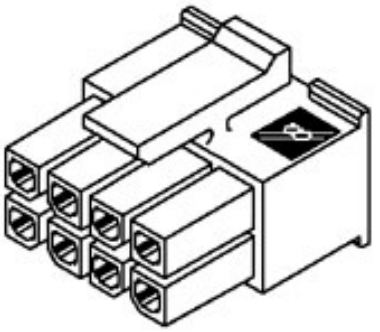
This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0430250400
Status: Active
Overview: microfit_30
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Receptacle Housing, Dual Row, 4 Circuits



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	Glow Wire Equivalent Part Number 430250408. Polarized to Mating Part
Overview	microfit_30
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Circuits (maximum)	4
Circuits Detail	4
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

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
Not 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

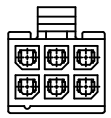
Use With
Micro-Fit 3.0™ Crimp Terminal 43030

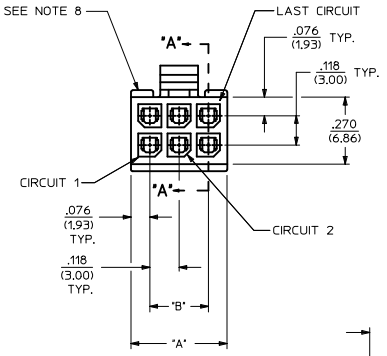
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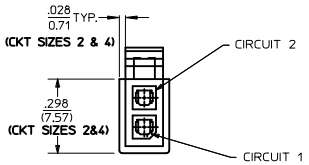
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

PART CHARACTERISTICS	
NUMBER OF POSITION	ASSEMBLY ITEM NUMBER
02	43025-0200
04	43025-0400
06	43025-0600
08	43025-0800
10	43025-1000
12	43025-1200
14	43025-1400
16	43025-1600
18	43025-1800
20	43025-2000
22	43025-2200
24	43025-2400

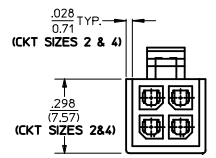
CKT. NO.	DIM. "A"	DIM. "B"
2	.152/(3.86)	N/A
4	.270/(6.85)	.118/(3.00)
6	.388/(9.85)	.236/(6.00)
8	.506/(12.85)	.354/(9.00)
10	.624/(15.85)	.472/(12.00)
12	.742/(18.85)	.591/(15.00)
14	.860/(21.85)	.709/(18.00)
16	.978/(24.85)	.827/(21.00)
18	1.096/(27.85)	.945/(24.00)
20	1.215/(30.85)	1.063/(27.00)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



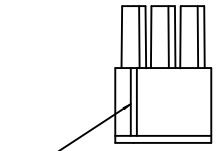




2 CIRCUIT HOUSING

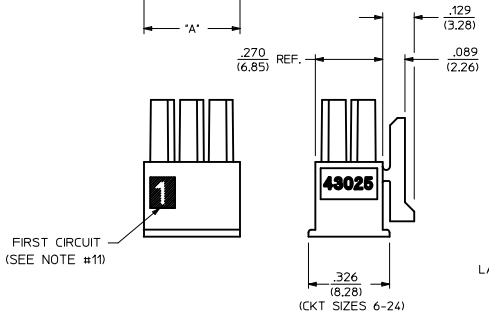


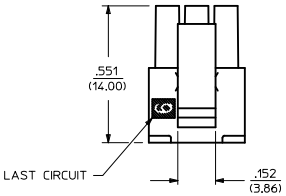
4 CIRCUIT PULL TAB GEOMETRY

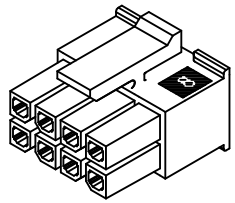


HOUSING SHOWN WITH OPTIONAL FIRST CIRCUIT IDENTIFIER RIB

(SEE NOTE #11)

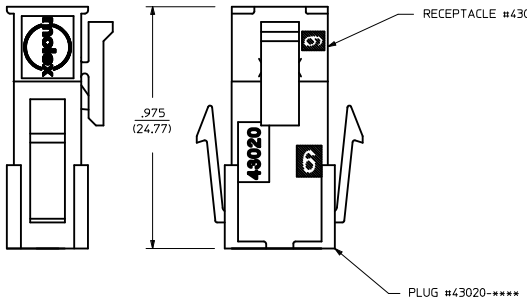




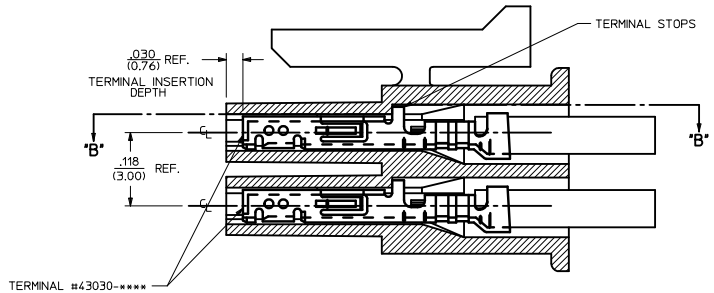


RECEPTACLE
ISO VIEW
(8 CIRCUIT SHOWN)

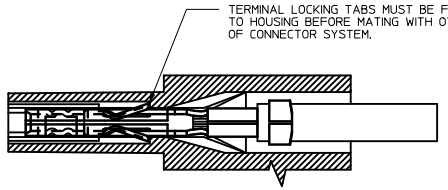
(SEE NOTE 9 FOR TESTING)



MATED MICRO-FIT CONNECTOR



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



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

NOTES:

1) HOUSING MATERIAL: UNFILLED POLYESTER, RATED U.L. 94V-0, 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. NOTES
EC NO: UCP2010-1075 2009/11/18
DRWN:SSOUSEK 2009/11/25
CHKD:JBELL 2009/11/30
APPR:FSMITH
DESCRIPTION
M1
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: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	A.F.G. 1993/01/14
CHECKED BY	B.A.P. 1993/01/14
APPROVED BY	R.A.S 1993/01/14

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

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43025-****
SHEET NO.: 1 OF 1
SIZE: D

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ОГРН: 1167746717709