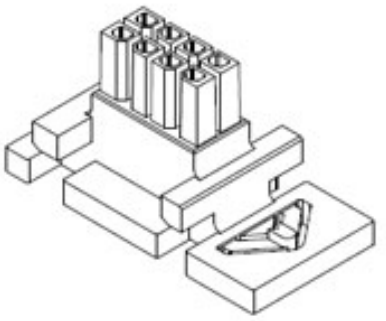
This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0441330408
Status: Active
Overview: microfit_30
Description: 3.00mm (.118") Micro-Fit 3.0 BMI™ Receptacle Housing, Dual Row, Panel Mount, 4 Circuits, PBT Polyester, UL 94V-0, Halogeen Free



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-44300-001 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	Crimp Housings
Series	44133
Comments	Halogen Free
Overview	microfit_30
Product Name	Micro-Fit 3.0 BMI™

Physical

Circuits (maximum)	4
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
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-44133-002
Product Specification	PS-44300-001
Sales Drawing	SD-44133-003

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

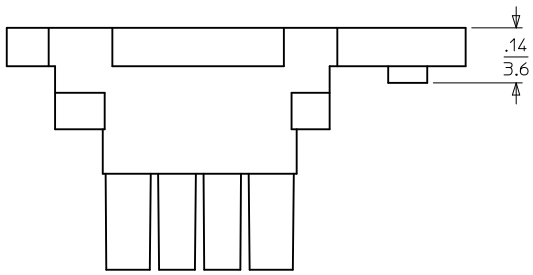
Please visit the Contact Us section for any non-product compliance questions.

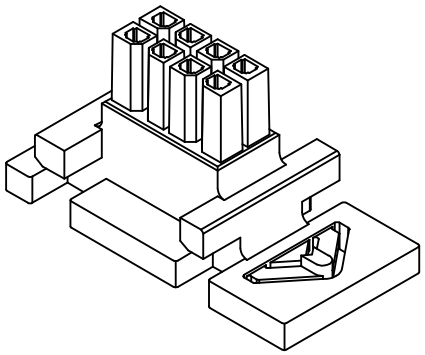
Search Parts in this Series
44133Series

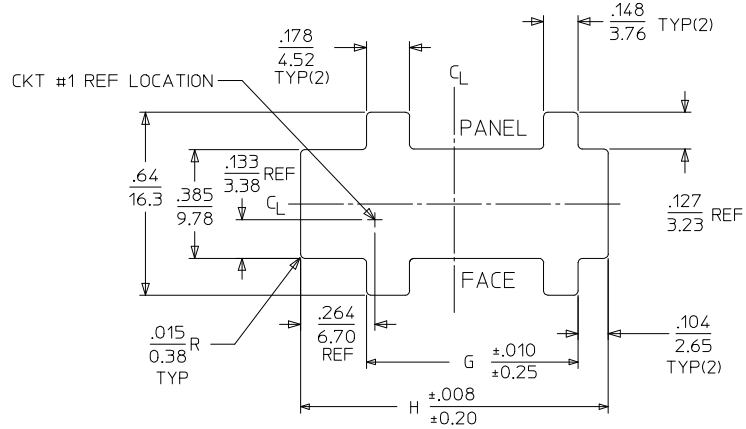
Use With
43030 Crimp Terminal

This document was generated on 05/19/2010

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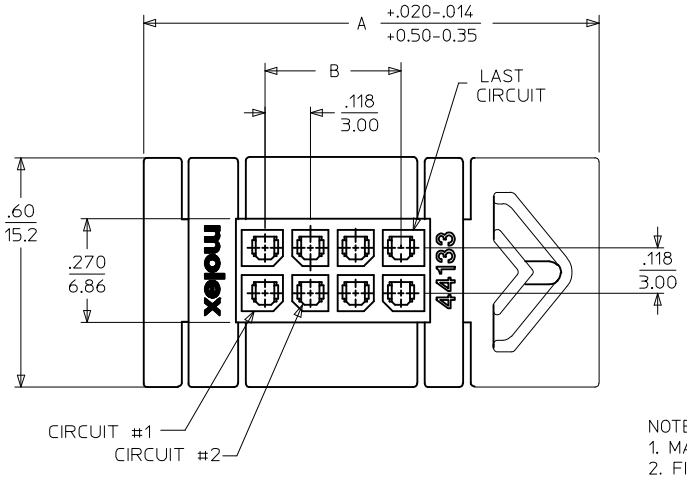


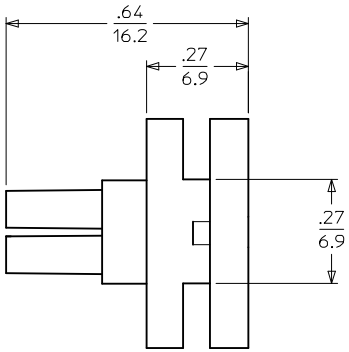


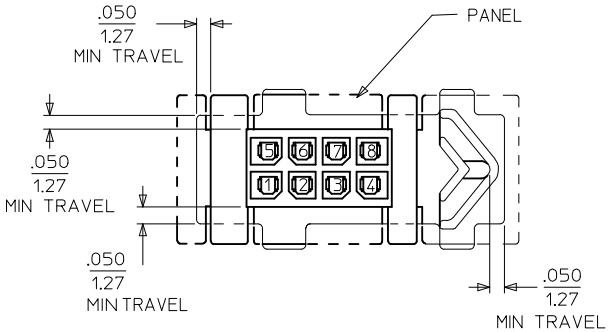


RECOMMENDED PANEL CUT-OUT

(SEE NOTE #7 & #9)







RECEPTACLE SHOWN MOUNTED IN PANEL

NOTES:
1. MATERIAL: UNFILLED NYLON 6, UL94V-0, COLOR: BLACK
2. FINISH: N/A
3. PRODUCT SPECIFICATION: PS-44300-001
4. PACKAGING SPECIFICATION: TRAY PACKED PER PK-44133-002
5. THIS RECEPTACLE MATES WITH MOLEX BMI PLUG 44300, MOLEX BMI VERTICAL PCB HEADER 44432, MOLEX BMI RIGHT ANGLE PCB HEADER 44428, & MOLEX BMI CPI VERTICAL PCB HEADER 45280.
6. THIS RECEPTACLE TO BE USED WITH MOLEX FEMALE CRIMP TERMINALS ONLY. (MOLEX DRAWING SD-43030-****) SEE SECTION "A"-"A" FOR TERMINAL ORIENTATION IN HOUSING.
7. THIS RECEPTACLE IS DESIGNED FOR USE WITH .060/1.52 MAX. TO .050/1.27 MINIMUM THICK PANELS.
8. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN THE TOTAL TOLERANCE.
9. WHEN MATING WITH 44300 SERIES, THE PANEL CUT-OUT CENTERLINES OF DIM "H" AND .385/9.78 MUST ALIGN WITH POINT "M" DEFINED BY MOLEX DRAWING SD-44300-001.
10. MOLEX RECOMMENDS THE USE OF MICRO-FIT TEST PLUG (SERIES 44242) WHENEVER CONTINUITY TESTING IS PERFORMED. TEST PLUGS MUST NOT BE USED TO MAKE OR BREAK UNDER LOAD. MOLEX DOES NOT RECOMMEND USING STANDARD MATING COMPONENTS (SERIES 44428, 44432, 44300 OR 45280) FOR HARNESS TESTING PURPOSES.
11. HOUSINGS MAY EXHIBIT A SURFACE IMPERFECTION KNOW AS "SINK MARKS" UP TO .024/(0.60) MAX. THIS IS A COSMETIC DEFECT AND DOES NOT EFFECT FUNCTION OF THE CONNECTOR.
12. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

CKT. SIZE	MATERIAL NUMBER	DIM "A"	DIM "B"	DIM "G"	DIM "H"
04	44133-0408	.97 / 24.6	.118 / 3.00	.530 / 13.46	.870 / 22.10
06	44133-0608	1.09 / 27.7	.236 / 6.00	.648 / 16.46	.988 / 25.10
08	44133-0808	1.21 / 30.7	.354 / 9.00	.766 / 19.46	1.106 / 28.10
10	44133-1008	1.33 / 33.8	.472 / 12.00	.884 / 22.46	1.224 / 31.10
12	44133-1208	1.45 / 36.8	.591 / 15.00	1.002 / 25.46	1.343 / 34.10
14		1.57 / 39.9	.709 / 18.00	1.120 / 28.46	1.461 / 37.10
16		1.69 / 42.9	.827 / 21.00	1.239 / 31.46	1.579 / 40.10
18		1.81 / 46.0	.945 / 24.00	1.357 / 34.46	1.697 / 43.10
20		1.93 / 49.0	1.063 / 27.00	1.475 / 37.46	1.815 / 46.10
22		2.04 / 51.8	1.181 / 30.00	1.593 / 40.46	1.933 / 49.10
24		2.16 / 54.9	1.299 / 33.00	1.711 / 43.46	2.051 / 52.10

REV	DESCRIPTION	DRAWN	DATE
B1	ADD 6 AND 8 CKT EC NO: UCP2010-0829	DRWN:SSOUSEK	2009/10/08
		CHKD:MKIPPER	2009/10/27
		APPR:FSMITH	2009/10/27

QUALITY SYMBOLS
▼=0
▽C=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

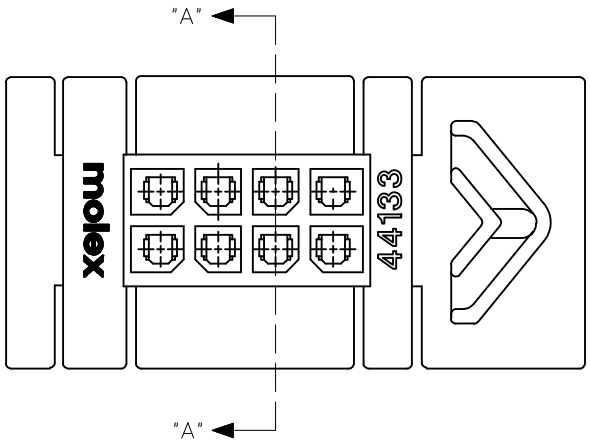
		DATE
DRAWN BY	GAVERILL	2008/07/02
CHECKED BY	SSOUSEK	2008/07/09
APPROVED BY	FSMITH	2008/07/16

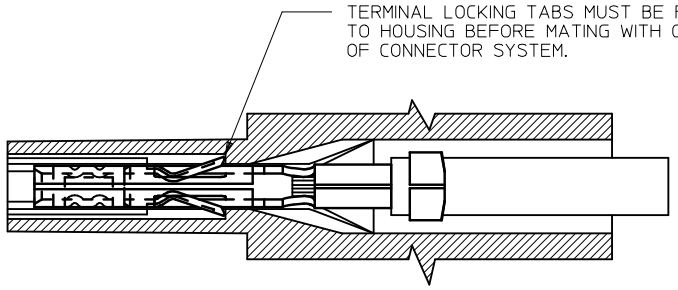
TITLE: MICRO-FIT (3.0) BMI FLOATING PANEL RECEPTACLE, HALOGEN-FREE

MOLEX INCORPORATED

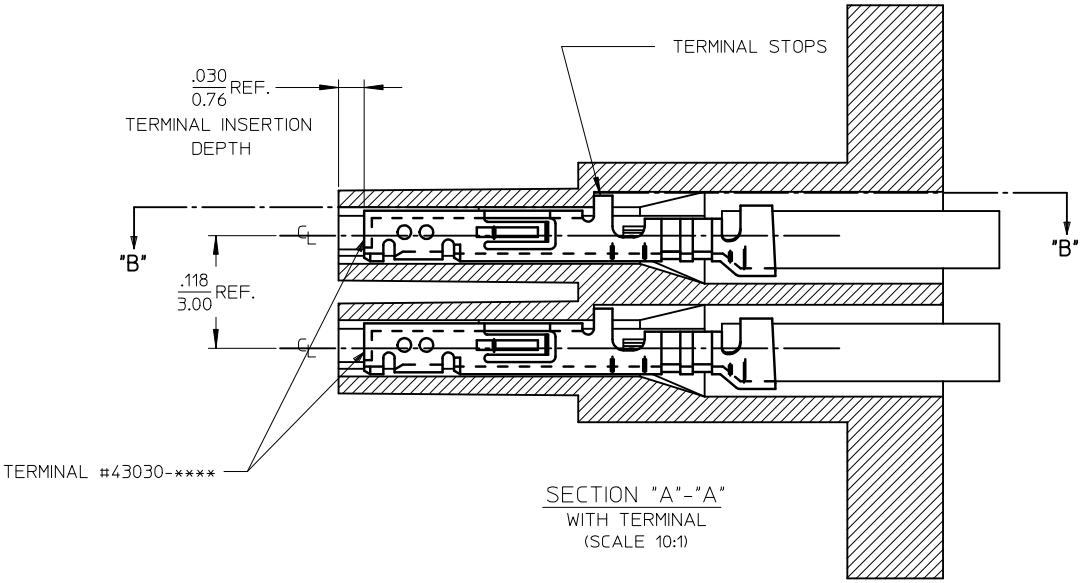
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-44133-003
SHEET NO.: 1 OF 2
SIZE: C

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



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

INITIAL RELEASE
EC NO: UCP2009-1371
DRWN:SSOUSEK 2008/11/26
CH'KD:MKIPPER 2008/12/02
APPR:FSMITH 2008/12/02
DESCRIPTION
A
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

DRAWN BY: SSOUSEK DATE: 2008/11/24
CHECKED BY: MKIPPER DATE: 2008/11/25
APPROVED BY: FSMITH DATE: 2008/11/26

TITLE
MICRO-FIT (3.0)
BMI FLOATING PANEL
RECEPTACLE, HALOGEN-FREE

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-44133-003
SHEET NO.: 2 OF 2
SIZE: C

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