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Part Number:	**0441331208**
Status:	**Active**
Overview:	microfit_30
Description:	3.00mm (.118") Micro-Fit 3.0 BMI™ Receptacle Housing, Dual Row, Panel Mount, 12 Circuits, PBT Polyester, UL 94V-0, Halogen-Free

Documents:

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

Series
image - Reference only

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
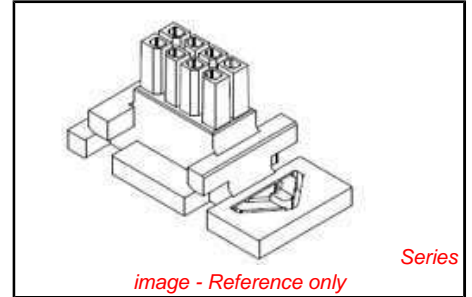|	
Circuits (maximum)	12
Color - Resin	Black
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Resin	Polyester
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Polarized to Mating 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   **China RoHS**

ELV and RoHS Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free Status
Halogen-Free

Need more information on product environmental compliance?

Email productcompliance@molex.com
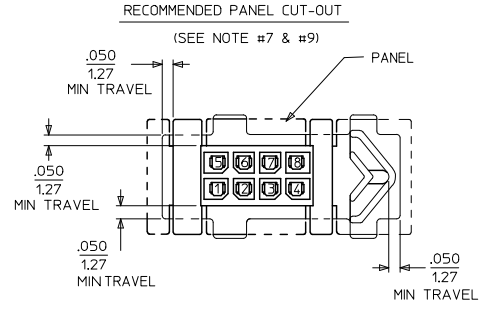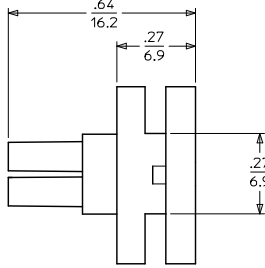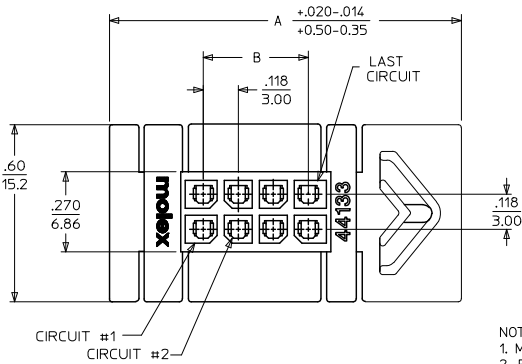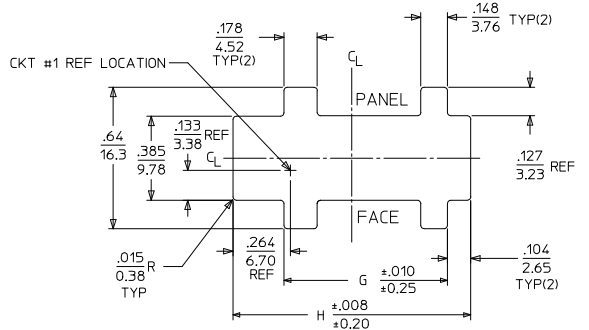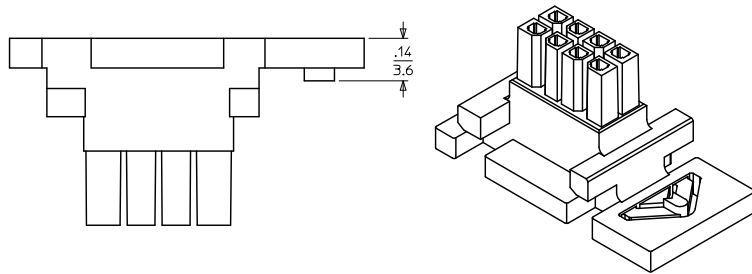For a multiple part number RoHS Certificate of Compliance, click here

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

Search Parts in this Series
44133Series

Use With
43030 Crimp Terminal

.14 / 3.6

CKT #1 REF LOCATION

.178 / 4.52 TYP(2)

.148 / 3.76 TYP(2)

C_L

PANEL

.64 / 16.3

.133 / 3.38 REF

.385 / 9.78

C_L

.127 / 3.23 REF

.015 / 0.38 R TYP

.264 / 6.70 REF

FACE

G ±.010 / ±0.25

.104 / 2.65 TYP(2)

H ±.008 / ±0.20

RECOMMENDED PANEL CUT-OUT
(SEE NOTE #7 & #9)

A +.020-.014 / +0.50-0.35

B

.118 / 3.00

LAST CIRCUIT

.64 / 16.2

.27 / 6.9

.050 / 1.27 MIN TRAVEL

PANEL

.60 / 15.2

.270 / 6.86

molex

44133

.118 / 3.00

.27 / 6.9

.050 / 1.27 MIN TRAVEL

.050 / 1.27 MIN TRAVEL

.050 / 1.27 MIN TRAVEL

CIRCUIT #1

CIRCUIT #2

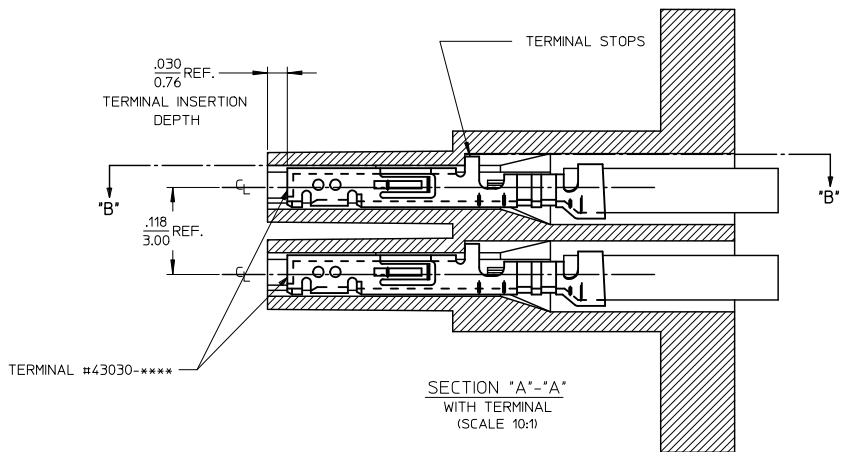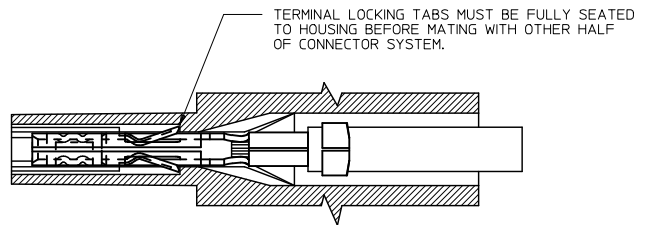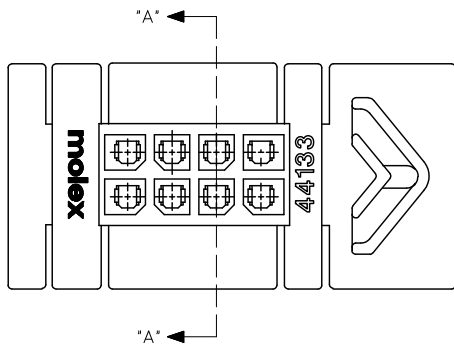RECEPTACLE SHOWN MOUNTED IN PANEL

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

tb_frame_C_P_ME_T
Rev. D 2004/04/02

TERMINAL LOCKING TABS MUST BE FULLY SEATED
TO HOUSING BEFORE MATING WITH OTHER HALF
OF CONNECTOR SYSTEM.

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

TERMINAL STOPS

.030
0.76 REF.

TERMINAL INSERTION
DEPTH

.118
3.00 REF.

"B"

"B"

TERMINAL #43030-****

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

"A"

molex 44133

"A"

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

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

MATERIAL NO.
SEE CHART

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

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

molex   MOLEX INCORPORATED

DOCUMENT NO.
SD-44133-003

SHEET NO.
2 OF 2

SIZE
C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
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tb_frame_C_P_ME_T
Rev. E 2006/04/15

12   11   10   9   8   7   6   5   4   3   2   1