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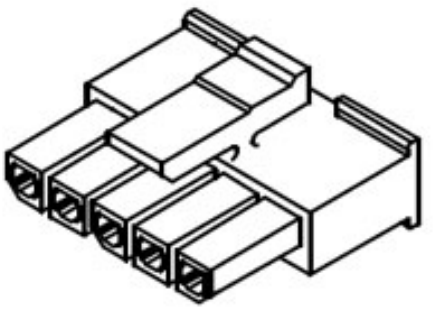
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0436450508
Status: Active
Overview: microfit_30
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Receptacle Housing, Single Row, 5 Circuits, Glow Wire Compatible, Halogen-Free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-43650 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	Crimp Housings
Series	43645
Overview	microfit_30
Product Name	Micro-Fit 3.0™

Physical

Circuits (maximum)	5
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	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Electrical

Current - Maximum per Contact	5A

Material Info

Reference - Drawing Numbers

Product Specification	PS-43650
Sales Drawing	SD-43645-001

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
43645Series

Mates With
43640 Micro-Fit 3.0™ Plug Housing, 43650 Micro-Fit 3.0™ Header

Use With
43030 Micro-Fit 3.0™ Crimp Terminal

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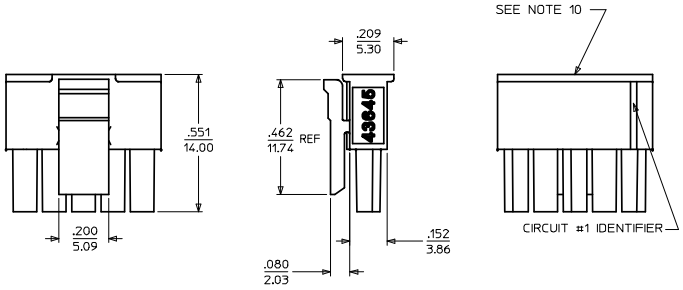
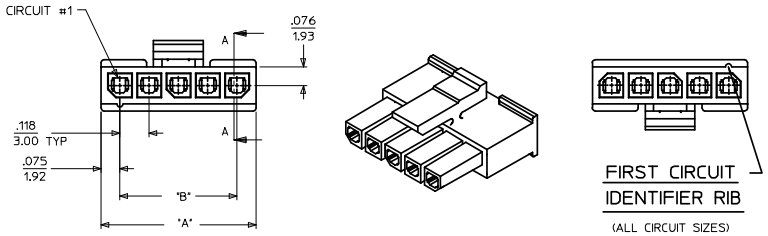
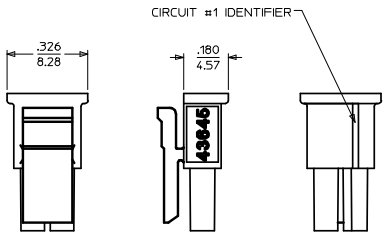


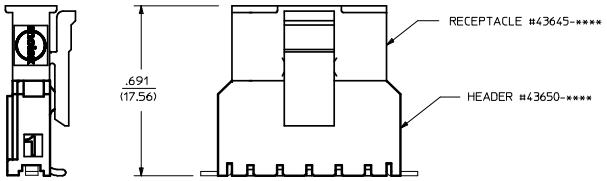


(3-12 CIRCUIT HOUSING)

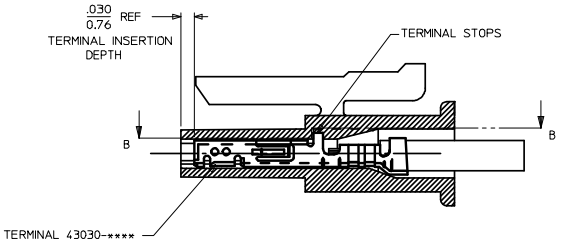


(2 CIRCUIT HOUSING)

NOT RELEASED	ITEM NUMBER	NUMBER OF CIRCUIT	DIM. "A"	DIM. "B"
	43645-0208	02	SEE DETAIL	.118/(3.00)
	43645-0308	03	.388/(9.85)	.236/(6.00)
	43645-0408	04	.506/(12.85)	.354/(9.00)
	43645-0508	05	.624/(15.85)	.472/(12.00)
	43645-0608	06	.742/(18.85)	.591/(15.00)
	43645-0708	07	.860/(21.85)	.709/(18.00)
X		08	.978/(24.85)	.827/(21.00)
X		09	1.096/(27.85)	.945/(24.00)
X		10	1.215/(30.85)	1.063/(27.00)
X		11	1.333/(33.85)	1.181/(30.00)
X		12	1.451/(36.85)	1.299/(33.00)

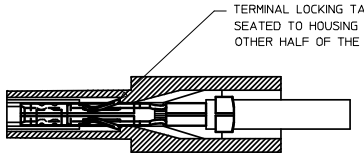


MATED MICRO-FIT CONNECTOR



SECTION "A"-"A"

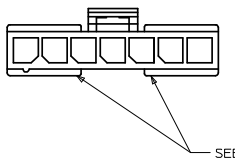
SHOWN WITH TERMINAL INSTALLED



SECTION "B"-"B"

NOTES:

1. MATERIAL : UNFILLED NYLON 6, UL94V-0,
   IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE, COLOR - BLACK
2. FINISH : N/A
3. PRODUCT SPECIFICATION : PS-43650
4. THIS RECEPTACLE ACCEPTS MOLEX MICRO FIT FEMALE CRIMP TERMINALS ONLY.
   SEE MOLEX DRAWING SD-43030-**** FOR SPECIFICATIONS.
5. SEE SECTION "A"-"A" FOR TERMINAL ORIENTATION IN HOUSING.
6. FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION #SDES-43025-1000.
7. THIS RECEPTACLE MATES WITH MOLEX PCB HEADER 43650 SERIES AND
   MOLEX PLUG 43640 SERIES (WIRE TO WIRE APPLICATIONS).
8. SOME HOUSINGS MAY HAVE A SMALL GATE BLEMISH NEAR THE GATE LOCATION THAT DOES NOT AFFECT FUNCTIONALITY.
9. 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 FOR HARNESS TESTING PURPOSES.
10. THIS RIB IS DISCONTINUOUS ON CIRCUIT SIZES 7 THROUGH 12
11. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



ADD 5 CKT
EC NO: UCP2009-0016 2008/08/26
DRWN:GAVERILL 2008/08/26
CHKD:SSOUSEK 2008/08/27
APPR:FSMITH
DESCRIPTION
REV
A1

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: MKIPPER DATE: 2008/01/21
CHECKED BY: SSOUSEK DATE: 2008/01/24
APPROVED BY: FSMITH DATE: 2008/02/02
MATERIAL NO.: SEE CHART

TITLE: MICRO-FIT (3.0) 2 THRU 12 SINGLE ROW RECEPTACLE, HALOGEN-FREE

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-43645-001
SHEET NO.: 1 OF 1

SIZE: D