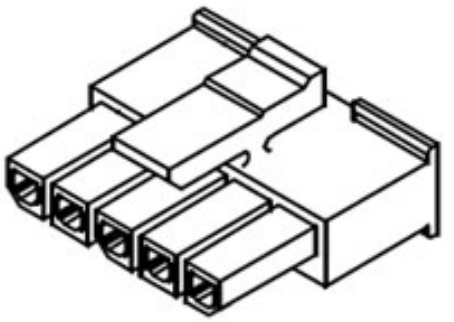
This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0436450300
Status: Active
Overview: microfit_30
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Receptacle Housing, Single Row, 3 Circuits



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
Comments	Glow Wire Equivalent Part Number 436450308
MolexKits	Yes
Overview	microfit_30
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Circuits (maximum)	3
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	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	SDA-43645-****

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.

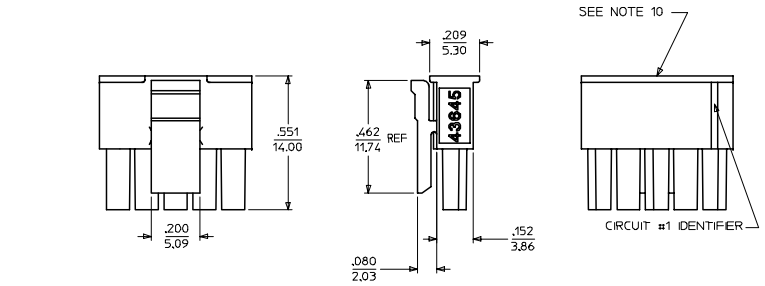
Search Parts in this Series
43645Series

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

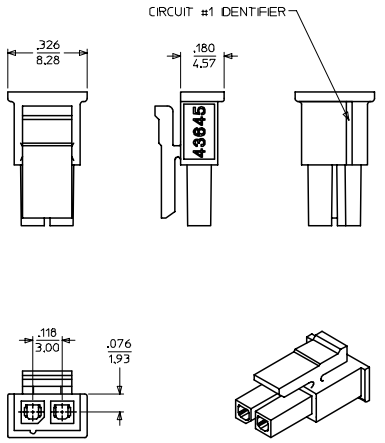
Use With
43030 Micro-Fit 3.0™ Crimp Terminal

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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

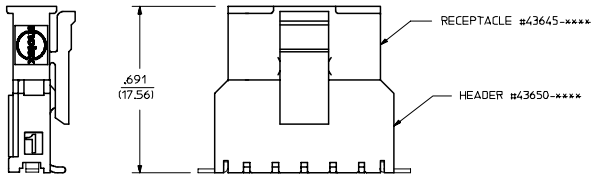


(3-12 CIRCUIT HOUSING)

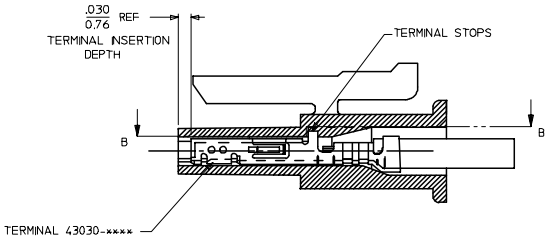


(2 CIRCUIT HOUSING)

ITEM NUMBER	NUMBER OF CIRCUIT	DIM. "A"	DIM. "B"
43645-0200	02	SEE DETAIL	.118/(3,00)
43645-0300	03	.388/(9,85)	.236/(6,00)
43645-0400	04	.506/(12,85)	.354/(9,00)
43645-0500	05	.624/(15,85)	.472/(12,00)
43645-0600	06	.742/(18,85)	.591/(15,00)
43645-0700	07	.860/(21,85)	.709/(18,00)
43645-0800	08	.978/(24,85)	.827/(21,00)
43645-0900	09	1.096/(27,85)	.945/(24,00)
43645-1000	10	1.215/(30,85)	1.063/(27,00)
43645-1100	11	1.333/(33,85)	1.181/(30,00)
43645-1200	12	1.451/(36,85)	1.299/(33,00)

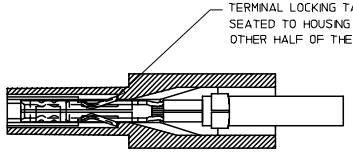


MATED MICRO-FIT CONNECTOR

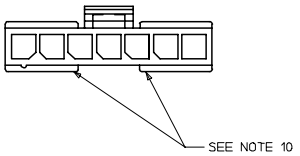


SECTION "A"-"A"

SHOWN WITH TERMINAL INSTALLED



SECTION "B"-"B"



NOTES:

1. MATERIAL : POLYESTER (PBT), UL94V-0.
   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. PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

REV	DESCRIPTION	DRWN	CHK	APPR
E1	UPDATE NOTE 8 ECC NO: UCP2008-0920	K.KIPPER 2007/10/23	D.SOSOUSEK 2007/10/26	F.SMITH 2007/10/29

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

		DATE
DRAWN BY	A.F.G.	1995/11/15
CHECKED BY	B.A.P.	1995/11/15
APPROVED BY	R.J.F.	1995/11/15

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

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART

DOCUMENT NO.: SDA-43645-××××

SHEET NO.: 1 OF 1

SIZE: D

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