



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



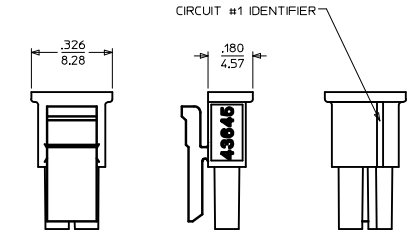
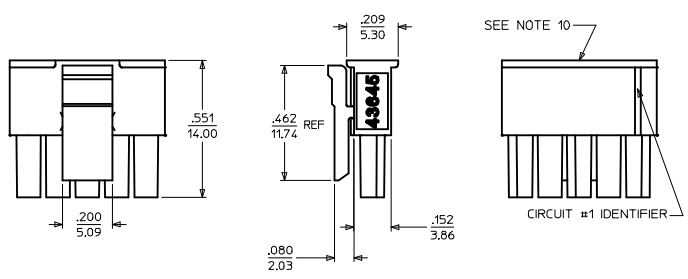
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

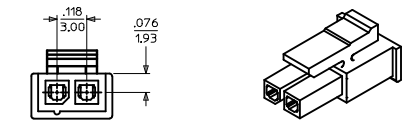
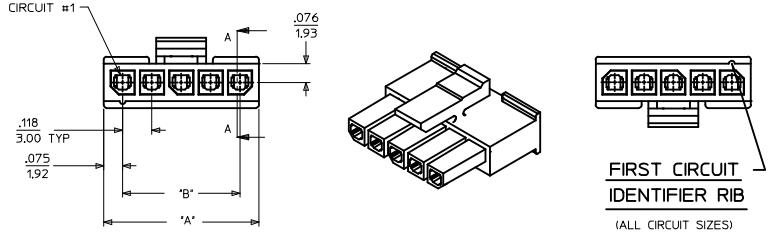
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



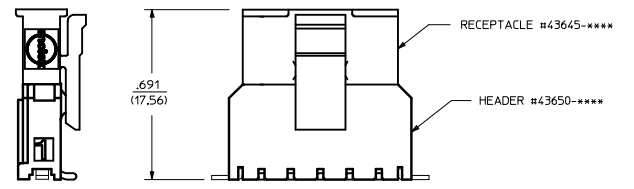


NOT RELEASED	ITEM NUMBER	NUMBER OF CIRCUIT	DIM. 'A'	DIM. 'B'
	43645-0208	02	SEE DETAIL	.118/(3.00)
	43645-0308	03	.388/(9.85)	.236/(6.00)
	43645-0408	04	.506/(12.85)	.354/(9.00)
	43645-0508	05	.624/(15.85)	.472/(12.00)
	43645-0608	06	.742/(18.85)	.591/(15.00)
	43645-0708	07	.860/(21.85)	.709/(18.00)
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)

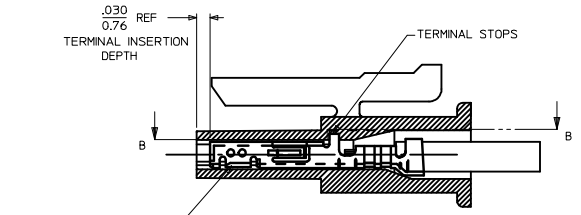


(2 CIRCUIT HOUSING)

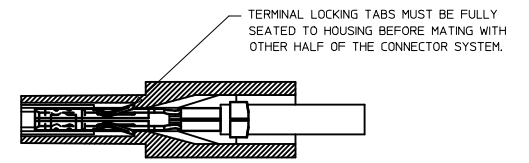
(3-12 CIRCUIT HOUSING)



MATED MICRO-FIT CONNECTOR



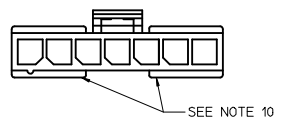
SECTION 'A'-'A' SHOWN WITH TERMINAL INSTALLED



SECTION 'B'-'B'

NOTES:

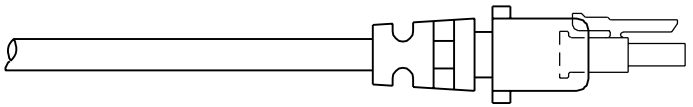
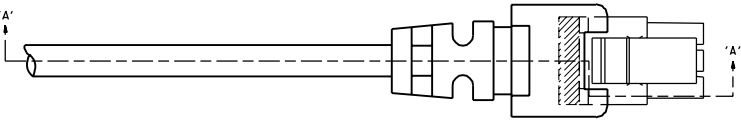
1. MATERIAL: UNFILLED NYLON, UL94V-0, COLOR - BLACK (LOW HALOGEN)
2. FINISH : N/A
3. PRODUCT SPECIFICATION : PS-43650
4. PACKAGING SPECIFICATION: PK-43645-001
5. THIS RECEPTACLE ACCEPTS MOLEX MICRO FIT FEMALE CRIMP TERMINALS SERIES 43030 OR 46235. SEE SECTION 'A'-'A' FOR TERMINAL ORIENTATION IN HOUSING.
6. FOR OVERMOLDING PARAMETERS SEE ENGINEERING SPECIFICATION SDES-43645-1000.
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.



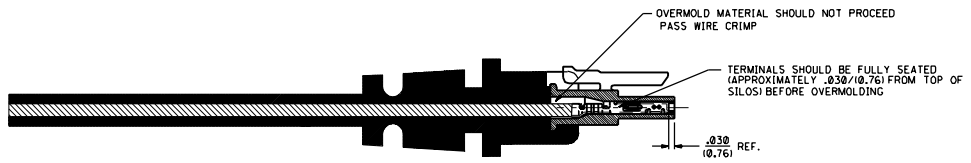
REV NOTES 1, 4-6 IEC NO. UCP2017-063 DRAWN/QUOTES 2016/07/20 CHKD/SSOUSEK 2016/07/20 APPR/FSMITH 2016/08/12	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		4 PLACES	mm	INCH	DRAWN BY	DATE	MICRO-FIT (3.0) 2 THRU 12 SINGLE ROW RECEPTACLE, LOW HALOGEN molex	DOCUMENT NO. SD-43645-001	SHEET NO. 1 OF 1
		3 PLACES	±.010	±.010	CHKD BY	DATE			
2 PLACES	±0.25	±.014	SSOUSEK	2008/01/24					
1 PLACE	±0.35	±.014	APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
0 PLACE	±.014	±.014	FSMITH	2016/08/12					

NOTES:

- 1) OVERMOLDED MATERIAL SHOULD NOT ENCAPSULATE THE TERMINAL IN AND AROUND THE WIRE CRIMP AREA.
- 2) TERMINALS MUST BE CENTERED AND PERPENDICULAR INSIDE THE RECEPTACLE HOUSING BEFORE AND AFTER OVERMOLDING.
- 3) DEVICE USED TO CENTER TERMINALS MUST NOT EXCEED .020 SQUARE IN ORDER TO PREVENT TERMINAL DEFORMATION.
- 4) OVERMOLD TOOLING MUST NOT DAMAGE INTERNAL OR EXTERNAL FEATURES OF CABLE ASSEMBLY.
- 5) THE OVERMOLDING TEMPERATURES DURING PROCESSING MUST NOT EXCEED 328° F
- 6) REMOVAL OF CABLE ASSEMBLY FROM THE TOOLING MUST NOT IN ANY WAY DAMAGE THE SUPPLIED COMPONENTS.
- 7) MOLEX IS RESPONSIBLE ONLY FOR COMPONENTS SUPPLIED TO THE OVERMOLDER, BUT NOT FOR NONCONFORMANCES INDUCED DURING THE OVERMOLDING PROCESS, SUCH AS OVERMOLD MATERIAL IN THE CONTACT AREA, TERMINALS THAT ARE EITHER OUT OF CENTER OR LACK OF TERMINAL MOBILITY AFTER BEING OVERMOLDED, AND ANY DEFORMATION TO TERMINALS OR HOUSINGS IN GENERAL.



TERMINALS MUST BE CENTERED IN RECEPTACLE PRIOR TO OVERMOLDING



OVERMOLD MATERIAL SHOULD NOT PROCEED PASS WIRE CRIMP

TERMINALS SHOULD BE FULLY SEATED (APPROXIMATELY .030/(0.76) FROM TOP OF SILOS) BEFORE OVERMOLDING

.030 REF. (0.76)

SECTION 'A'-'A'

A FINAL RELEASE ECN# US-1018 96-82-26 A.0021K

MOLEX INCORPORATED		REV. 1	DATE 02/26/96
PART NO. SDES-43645-1000		DRAWING NO. 10F1	
TITLE MICRO-FIT (3.0) SINGLE ROW OVERMOLDING SPECIFICATIONS		REV. 1	
SCALE 4:1		SHEET NO. 1 OF 1	
DRAWN BY BAP		CHECKED BY	
APP'D BY		DATE	