



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

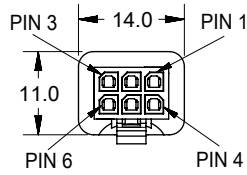
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

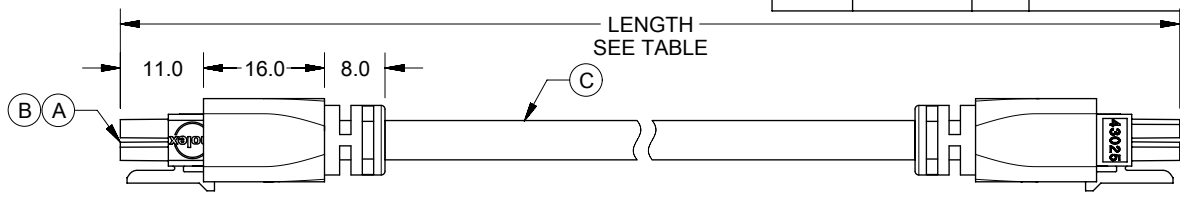
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



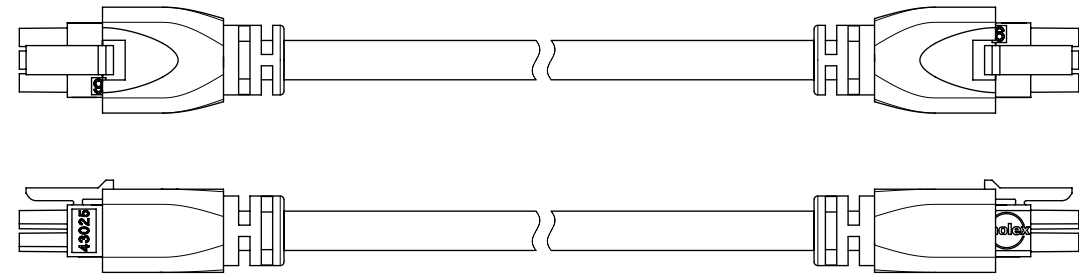
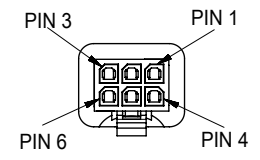
REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/08/01	A	INITIAL RELEASE	LH LIU



P1



P2



NOTES:

- MOLDING MATERIAL:
 - INNERMOLD AND STOPPER MOLD: PE RESIN.
 - OVERMOLD: BLACK PVC RESIN.
- ELECTRICAL PERFORMANCE:
 - CURRENT RATING: 4 AMPS.
(EACH APPLICATION SHOULD BE EVALUATED BY THE END USER FOR COMPLIANCE TO SPECIFIC SAFETY AGENCY REQUIREMENTS. THE RATING IS PROVIDED AS REFERENCE. APPROPRIATE DE-RATING IS REQUIRED BASED ON AMBIENT CONDITIONS, COPPER TRACE SIZE ON THE PCB, GROSS HEATING FROM ADJACENT MODULES/COMPONENTS AND OTHER FACTORS THAT INFLUENCE CONNECTOR PERFORMANCE.)
 - VOLTAGE RATING: 300V AC.
 - THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-000.
 - DIELECTRIC STRENGTH: 500V DC/0.01 SEC.
 - INSULATION RESISTANCE: 20M OHMS.
- MECHANICAL PERFORMANCE:
 - OVERMOLD SIDE CAN WITHSTAND 5KGF AXIAL TENSILE FORCE FOR ONE MINUTE WITHOUT PHYSICAL DAMAGE.
 - OVERMOLD SIDE CAN PASS THE BENDING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.
 - MINIMUM DYNAMIC BEND RADIUS: 65MM
 - MINIMUM STATIC BEND RADIUS: 30MM
- TEMPERATURE:
 - OPERATING TEMPERATURE: -20 TO 80 C DEG.
(INCLUDING T-RISE FROM APPLIED CURRENT)
 - ALL MATERIALS MUST MEET RoHS 2011/65/EU.

TABLE

PN	TITLE	LENGTH
2451320650	MICROFIT 6 CIRCUIT BLACK 5M OM	5000±50
2451320630	MICROFIT 6 CIRCUIT BLACK 3M OM	3000±30
2451320620	Microfit 6 Circuit Black 2M Overmolded	2000±20
2451320610	Microfit 6 Circuit Black 1M Overmolded	1000±15
2451320605	Microfit 6 Circuit Black 500MM OM	500±10

WIRING CHART		
P1	WIRE COLOR	P2
PIN 1	BLACK	PIN 1
PIN 2	RED	PIN 2
PIN 3	BROWN	PIN 3
PIN 4	GREEN	PIN 4
PIN 5	ORANGE	PIN 5
PIN 6	YELLOW	PIN 6

ITEM	DESCRIPTION	L(MM)	Q'TY
C	6CX20AWG;UNSH;PVC;BK;6.50MM;UL2464	SEE TABLE	
B	MicroFit 3.0 DR Rcpt 6Ckt		2
A	MicroFit 3.0 F Crp Term Chn Tin 20-24		12

QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	2016/07/31 2016/08/14 2016/08/15	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.2 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE				
				MM	1:1				
				DRWN BY	DATE				
				XJGU001	2016/06/23				
CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING							
LHLIU	2016/07/27								
APPR BY	DATE								
EC NO: 107524	DRWN: XJGU001	CHK'D: LHLIU	FNIE	DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER	
A	REV			A4		201440	SEE TABLE	GENERAL MARKET	
						DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
						2014400091	PSD	000	1 OF 2

RELEASE STATUS	P1	RELEASE DATE	16.08.2016	05:56:35
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