



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

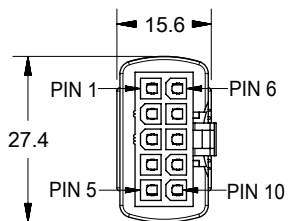
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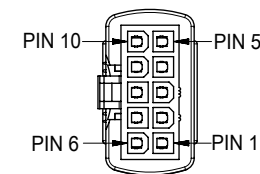
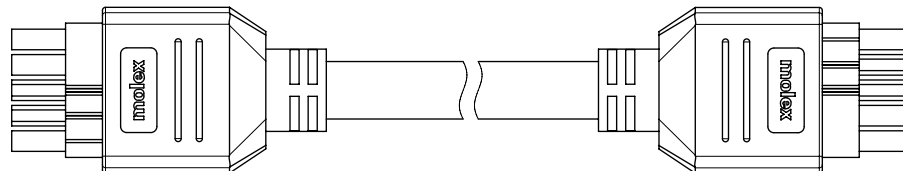
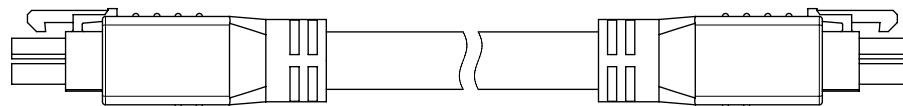
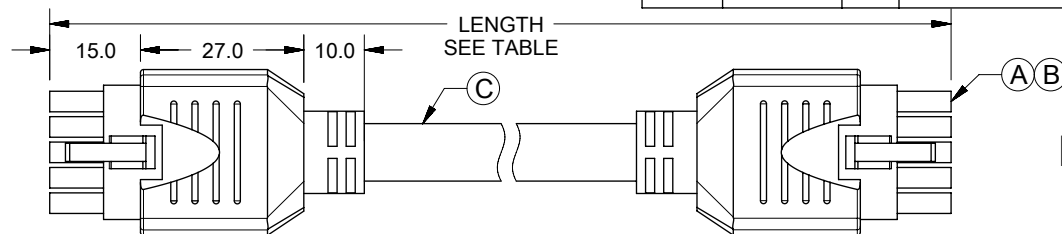
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/09/23	A	INITIAL RELEASE	LH LIU



P1



P2

NOTES:

- MOLDING MATERIAL:
 - INNERMOLD AND STOPPER MOLD: PE RESIN.
 - OVERMOLD: BLACK PVC RESIN.
- ELECTRICAL PERFORMANCE:
 - CURRENT RATING: 5 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: 95MM
 - MINIMUM STATIC BEND RADIUS: 50MM
- TEMPERATURE:
 - OPERATING TEMPERATURE: -20 TO 80 C DEG. (INCLUDING T-RISE FROM APPLIED CURRENT)
- ALL MATERIALS MUST MEET RoHS 2011/65/EU.

WIRING CHART		
P1	WIRE COLOR	P2
PIN 1	BLACK	PIN 1
PIN 2	RED	PIN 2
PIN 3	WHITE	PIN 3
PIN 4	GREEN	PIN 4
PIN 5	ORANGE	PIN 5
PIN 6	BLUE	PIN 6
PIN 7	YELLOW	PIN 7
PIN 8	GRAY	PIN 8
PIN 9	BROWN	PIN 9
PIN 10	PURPLE	PIN 10

TABLE

PN	TITLE	LENGTH
2451351020	Minifit Jr 10 Circuit Black 2M OM	2000+/-20
2451351010	Minifit Jr 10 Circuit Black 1M OM	1000+/-15
2451351005	Minifit Jr 10 Circuit Black 500MM OM	500+/-10

ITEM	DESCRIPTION	L(MM)	Q'TY
C	10CX18AWG;UNSH;PVC;BK;9.50MM;UL2464	SEE TABLE	
B	NEW MINI FIT CONN HOUS 55710R		2
A	MF PLUS HCS CRIMP TERM. FEM 18-20 GA TIN		20

QUALITY SYMBOLS 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS: MM SCALE: 1:1			
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0 °		DRWN BY: XJGU001 DATE: 2016/06/21			SEE TABLE
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ±		CHK'D BY: LHLIU DATE: 2016/09/22			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR BY: FNIIE DATE:			PRODUCT CUSTOMER DRAWING
EC NO: 109041 DRWN: XJGU001 CHK'D: LHLIU REV APPR: FNIIE		DRAWING SIZE: A4 THIRD ANGLE PROJECTION		SERIES: 201440 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET		
RELEASE STATUS: P1 RELEASE DATE: 06.10.2016 04:09:37		DOCUMENT NUMBER: 2014400066 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 1		DATE: 2015/12/14		