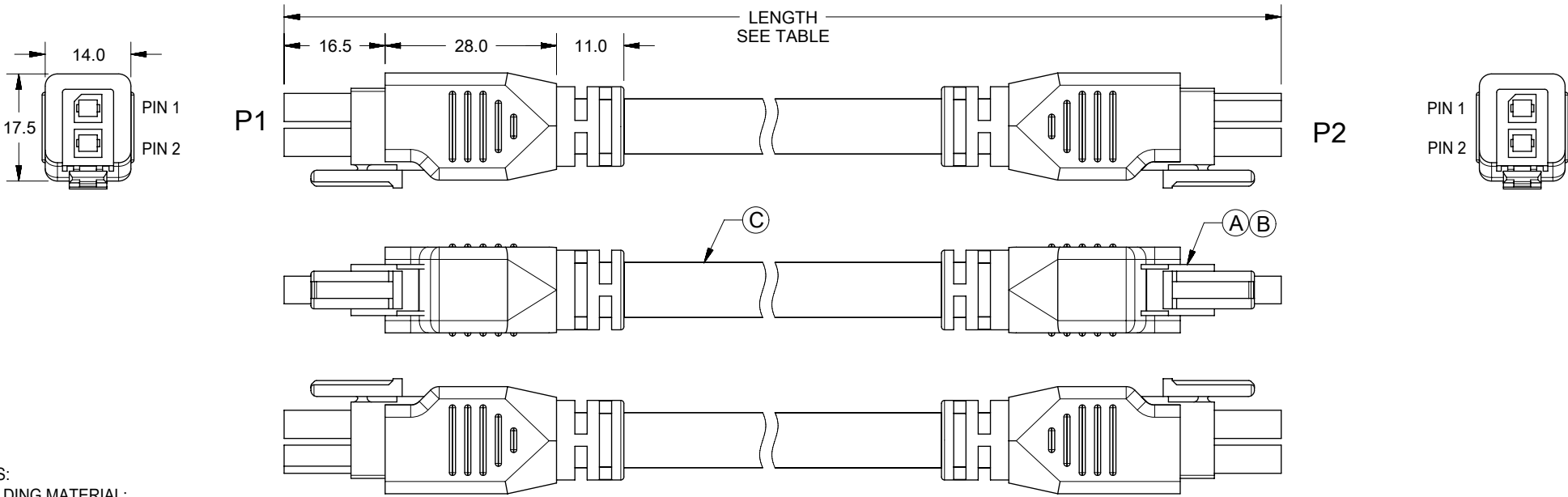


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2018/02/02	A1	INITIAL RELEASE	LH LIU
NA	2018/08/30	B	UPDATE TITLE	CISSY



NOTES:

1. MOLDING MATERIAL:
 - 1.1 INNERMOLD AND STOPPER MOLD: PE RESIN.
 - 1.2 OVERMOLD: BLACK PVC RESIN.
2. ELECTRICAL PERFORMANCE:
 - 2.1 CURRENT RATING: 18 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.)
 - 2.2 VOLTAGE RATING: 300V AC.
 - 2.3 THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-000.
 - 1) DIELECTRIC STRENGTH: 500V DC/0.01 SEC.
 - 2) INSULATION RESISTANCE: 20M OHMS.
3. MECHANICAL PERFORMANCE:
 - 3.1 OVERMOLD SIDE CAN WITHSTAND 5KGF AXIAL TENSILE FORCE FOR ONE MINUTE WITHOUT PHYSICAL DAMAGE.
 - 3.2 OVERMOLD SIDE CAN PASS THE BENDING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.
 - 3.3 MINIMUM DYNAMIC BEND RADIUS: 90MM
 - 3.4 MINIMUM STATIC BEND RADIUS: 45MM
4. TEMPERATURE:
 - 4.1 OPERATING TEMPERATURE: -20 TO 80 C DEG.
(INCLUDING T-RISE FROM APPLIED CURRENT)
5. ALL MATERIALS MUST MEET RoHS 2011/65/EU.

TABLE

2451360220	Megafit 2 Circuit Black 2M Overmolded	2000+/-20
2451360210	Megafit 2 Circuit Black 1M Overmolded	1000+/-15
2451360205	Megafit 2 Circuit Black 500MM Overmolded	500+/-10
PN	TITLE	LENGTH

WIRING CHART		
P1	WIRE COLOR	P2
PIN 1	BLACK	PIN 1
PIN 2	RED	PIN 2

C	2Cx12AWG,UNSH,PVC,BK,OD8.80mm,UL2464	SEE TABLE	
B	Mega-Fit Receptacle Hsg 2 ckt V-0		2
A	Mega-Fit Female Crimp 12 AWG 15 Gold		4
ITEM	DESCRIPTION	L(MM)	Q'TY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC:					
mm	1:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 603695		SEE TABLE			
ANGULAR TOL ± 2.0°		DRWN: ZZXIAN 2018/08/30					
4 PLACES ±		CHK'D: CWANG49 2018/08/30		PRODUCT CUSTOMER DRAWING			
3 PLACES ±		APPR: LH LIU 2018/08/30					
2 PLACES ± 0.25		INITIAL REVISION:		DOCUMENT NUMBER			
1 PLACE ± 0.5		DRWN: XJGUO01 2016/06/18					
0 PLACES ±		APPR: CLAN01 2018/02/12		DOC TYPE DOC PART REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING				
			A4-SIZE	201440	SEE TABLE	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/30	10:12:24
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