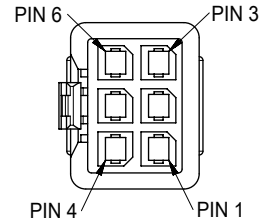
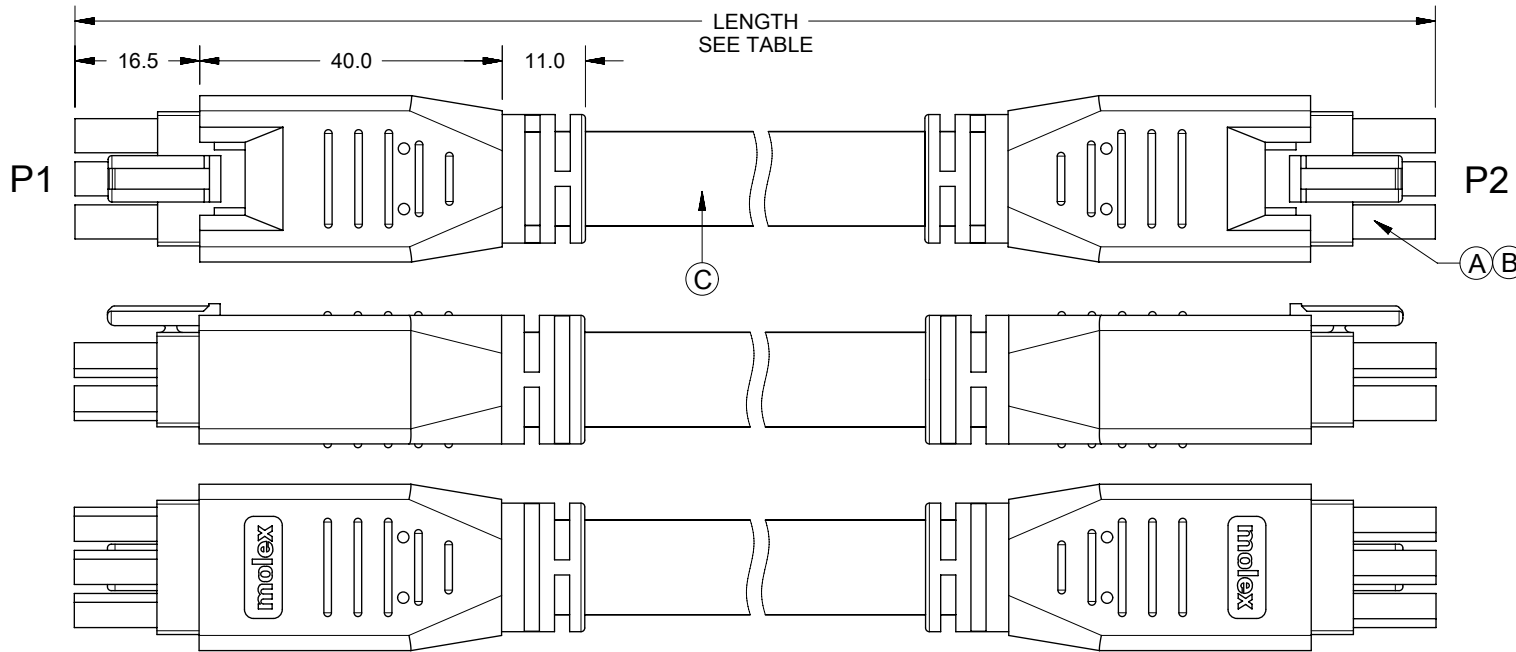
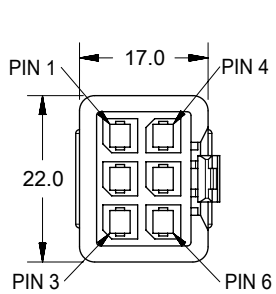


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/02/02	A	INITIAL RELEASE	LH LIU



**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: 12 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: 125MM
  - 3.4 MINIMUM STATIC BEND RADIUS: 60MM
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**

2451360620	Megafit 6 Circuit Black 2M Overmolded	2000+/-20
2451360610	Megafit 6 Circuit Black 1M Overmolded	1000+/-15
2451360605	Megafit 6ckt Black 1M Overmolded	500+/-10
PN	TITLE	LENGTH

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

C	6Cx12AWG,UNSH,PVC,BK,OD12.0mm,UL2464	SEE TABLE	
B	Mega-Fit Receptacle Hsg 6 ckt V-0		2
A	Mega-Fit Female Crimp 12 AWG 15 Gold		12
ITEM	DESCRIPTION	L(MM)	Q'TY

<b>SYMBOLS</b> A = 0 E = 0 F = 0 S = 0 ▼ = 0 V = 0 ⊗ = 0 ■ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		
	DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b>	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0°		EC NO: 172181 DRWN: LH LIU 2018/02/09 CHK'D: LH LIU 2018/02/09 APPR: CLAN01 2018/02/12	
4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ±		INITIAL REVISION: DRWN: XJGU001 2016/06/18 APPR: CLAN01 2018/02/12		DOCUMENT NUMBER: <b>2014400075</b> DOC TYPE: PSD DOC PART: 000 REVISION: <b>A1</b>	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: <b>A4-SIZE</b>	SERIES: <b>201440</b>	MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2018/02/12	04:31:28
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