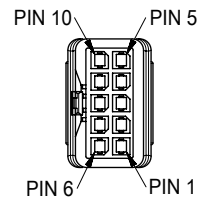
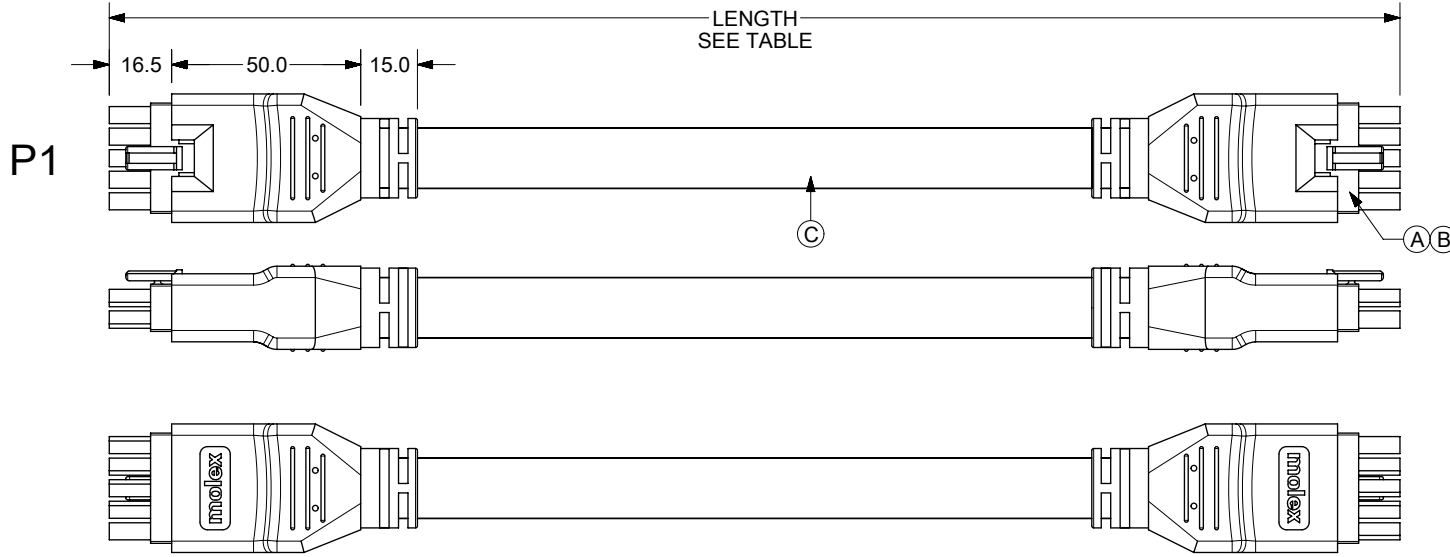
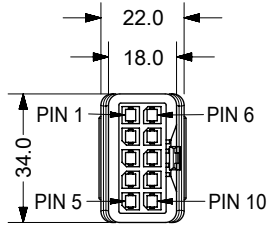


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2018/02/02	A	INITIAL RELEASE	LH LIU



NOTES:

- MOLDING MATERIAL:**
 - 1.1 INNERMOLD AND STOPPER MOLD: PE RESIN.
 - 1.2 OVERMOLD: BLACK PVC RESIN.
- ELECTRICAL PERFORMANCE:**
 - 2.1 CURRENT RATING: 10 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.
- 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: 160MM
 - 3.4 MINIMUM STATIC BEND RADIUS: 80MM
- TEMPERATURE:**
 - 4.1 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
2451361020	Megafit 10ckt Black 2M Overmolded	2000+/-20
2451361010	Megafit 10ckt Black 1M Overmolded	1000+/-15
2451361005	Megafit 10ckt Black 500MM Overmolded	500+/-10

ITEM	DESCRIPTION	L(MM)	Q'TY
C	10Cx12AWG,UNSH,PVC,BK,OD15.5mm,UL2464	SEE TABLE	
B	Mega-Fit Female Crimp 12 AWG 15 Gold		20
A	Mega-Fit Receptacle Hsg 10 ckt V-0		2

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		DIMENSION UNITS: mm SCALE: 1:2		CURRENT REV DESC:				
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0°		EC NO: 172188 DRWN: LH LIU 2018/02/09 CHK'D: LH LIU 2018/02/09 APPR: CLAN01 2018/02/12		INITIAL REVISION: DRWN: LH LIU 2016/06/20 APPR: CLAN01 2018/02/12			SEE TABLE	
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION	
DOCUMENT NUMBER: 2014400081		DOC TYPE: PSD DOC PART: 000 REVISION: A1		MATERIAL NUMBER: SEE TABLE		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 1 OF 1	