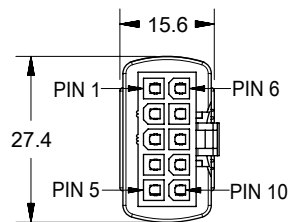
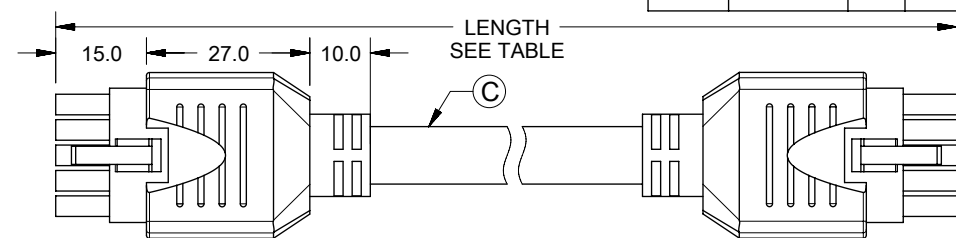


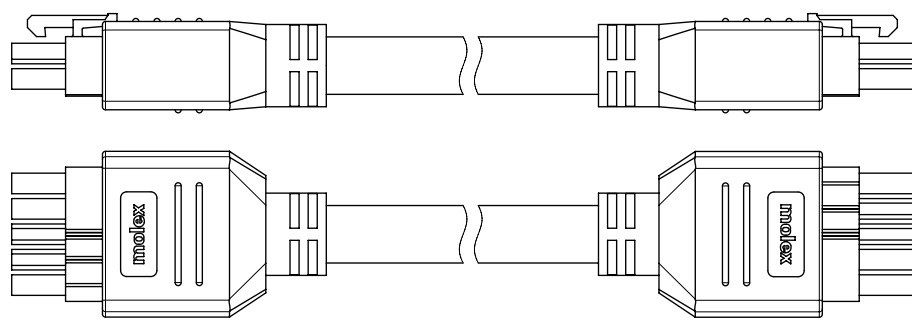
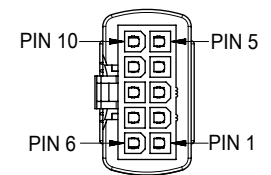
REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/09/23	A	INITIAL RELEASE	LH LIU



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		
	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:		
EC NO: 109041 DRWN: XJGU001 CHK'D: LHLIU REV APPR: FNIIE		DRAWING SIZE: A4 THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING	
RELEASE STATUS: P1 RELEASE DATE: 06.10.2016 04:09:37		SERIES: 201440 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET		DOCUMENT NUMBER: 2014400066 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 1	