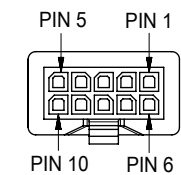
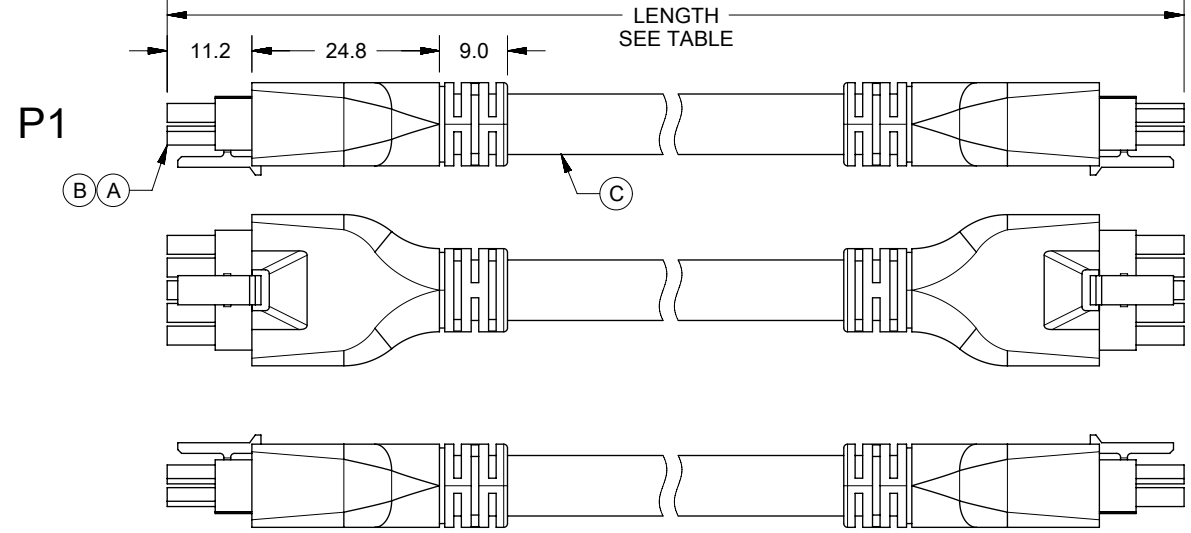
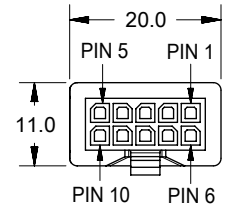


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/08/01	A	INITIAL RELEASE	LH LIU
CY17-5959	2016/06/15	B	UPDATE VOERMOLD DESIGN	LH LIU



- NOTES:**
- MOLDING MATERIAL:**
 - INNERMOLD AND STOPPER MOLD: PE RESIN.
 - OVERMOLD: BLACK PVC RESIN.
 - ELECTRICAL PERFORMANCE:**
 - CURRENT RATING: 3 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: 80MM
 - MINIMUM STATIC BEND RADIUS: 40MM
 - 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	PINK	PIN 8
PIN 9	LIGHT GREEN	PIN 9
PIN 10	VIOLET	PIN 10

TABLE			
PN	TITLE	LENGTH	
2451321050	MICROFIT 10 CIRCUIT BLACK 5M OM	5000±50	
2451321030	MICROFIT 10 CIRCUIT BLACK 3M OM	3000±30	
2451321020	Microfit 10 Circuit Black 2M Overmolded	2000±20	
2451321010	Microfit 10 Circuit Black 1M Overmolded	1000±15	
2451321005	Microfit 10 Circuit Black 500MM Overmold	500±10	
C	10CX20AWG;UNSH;PVC;BK;8.00MM;UL2464	SEE TABLE	
B	MicroFit 3.0 DR Rcpt 10Ckt		2
A	MicroFit 3.0 F Crp Term Chn Tin 20-24		20
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			
QUALITY SYMBOLS 	2017/06/09 2017/06/15 2017/06/16 EC NO: 118193 DRWN: LHLIU CHK'D: LHLIU APPR: FNIE	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ±	DIMENSION UNITS: MM SCALE: 1:1 DRWN BY: XJGU001 DATE: 2016/06/24 CHK'D BY: LHLIU DATE: 2016/07/28 APPR BY: FNIE DATE: 2016/08/16
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE: A4 THIRD ANGLE PROJECTION
PRODUCT CUSTOMER DRAWING			
SERIES: 201440		MATERIAL NUMBER: SEE TABLE	
CUSTOMER: GENERAL MARKET		DOCUMENT NUMBER: 2014400093	
DOC TYPE: PSD		DOC PART: 000	
SHEET NUMBER: 1 OF 1			