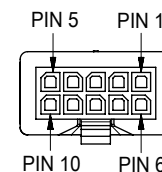
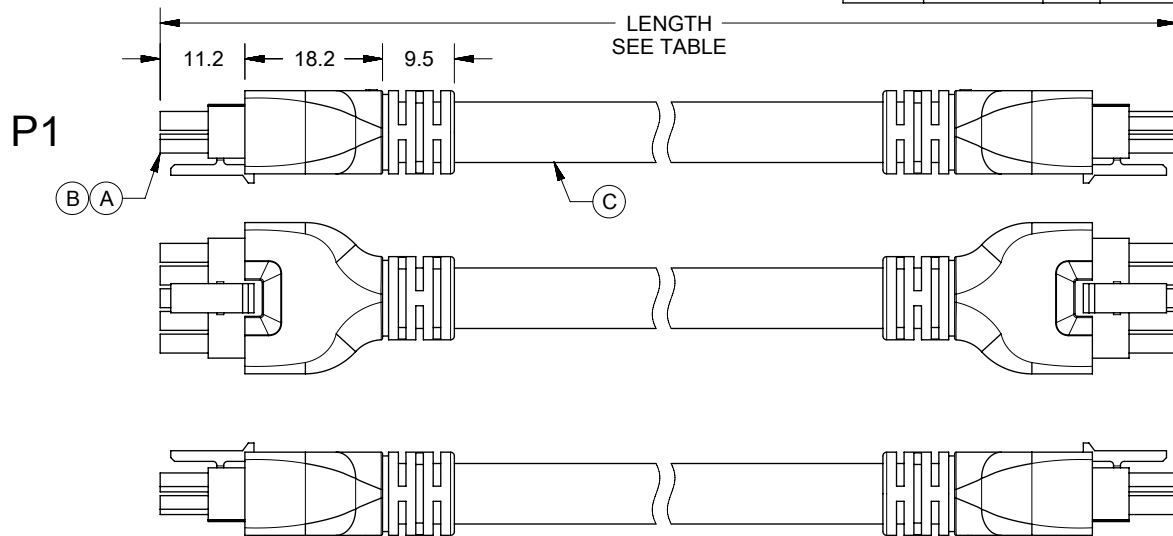
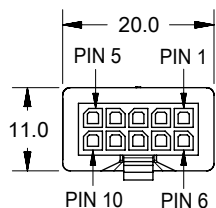


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/08/01	A	INITIAL RELEASE	LH LIU



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: 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.)

- 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: 80MM
- 3.4 MINIMUM STATIC BEND RADIUS: 40MM

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.

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

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
PN	TITLE	LENGTH

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	<ul style="list-style-type: none"> ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 	2016/07/31 2016/08/14 2016/08/15 EC NO: 107524 DRWN: XJGU001 CHK'D: LH LIU APPR: FNIE	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS: MM SCALE: 1:1 DRWN BY: XJGU001 DATE: 2016/06/23 CHK'D BY: LH LIU DATE: 2016/07/27 APPR BY: FNIE DATE: 2016/08/15 DRAWING SIZE: A4 THIRD ANGLE PROJECTION
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molex

SEE TABLE

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER	
201440	SEE TABLE	GENERAL MARKET	
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
2014400093	PSD	000	1 OF 1