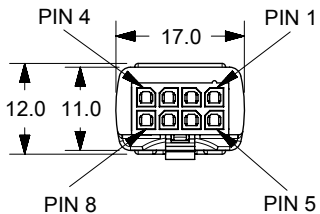
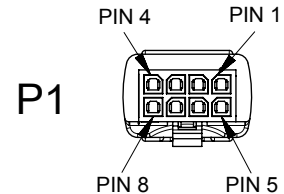
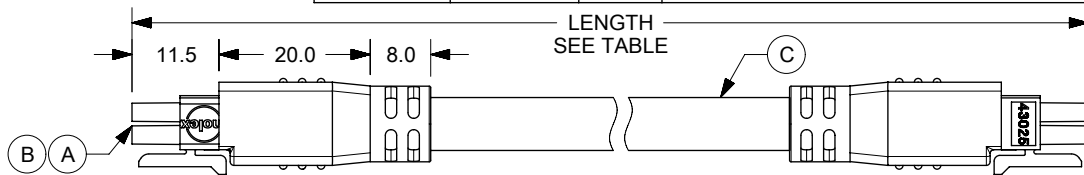


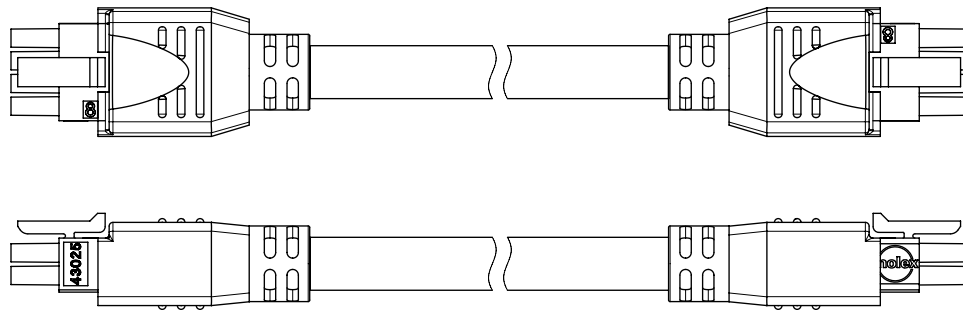
REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/08/01	A	INITIAL RELEASE	LH LIU



P1



P1



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: 3.5 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.)
 - 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: 70MM
 - 3.4 MINIMUM STATIC BEND RADIUS: 35MM
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

PN	TITLE	LENGTH
2451320850	MICROFIT 8 CIRCUIT BLACK 5M OM	5000±50
2451320830	MICROFIT 8 CIRCUIT BLACK 3M OM	3000±30
2451320820	Microfit 8 Circuit Black 2M OM	2000±20
2451320810	Microfit 8 Circuit Black 1M OM	100±15
2451320805	Microfit 8 Circuit Black 500M OM	500+/-10

ITEM	DESCRIPTION	L(MM)	Q'TY
C	8CX20AWG;UNSH;PVC;BK;6.80MM;UL2464	SEE TABLE	
B	MicroFit 3.0 DR Rcpt 8Ckt		2
A	MicroFit 3.0 F Crp Term Chn Tin 20-24		16

WIRING CHART		
P1	WIRE COLOR	P2
PIN 1	BLACK	PIN 1
PIN 2	RED	PIN 2
PIN 3	BROWN	PIN 3
PIN 4	GREEN	PIN 4
PIN 5	ORANGE	PIN 5
PIN 6	BLUE	PIN 6
PIN 7	YELLOW	PIN 7
PIN 8	VIOLET	PIN 8

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 2016/06/26					SEE TABLE		
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ±		CHK'D BY LHLIU		DATE 2016/07/27							
	EC NO: 107524 DRWN: XJGU001 CHK'D: LHLIU APPR: FNIE		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE A4		THIRD ANGLE PROJECTION 		PRODUCT CUSTOMER DRAWING			
RELEASE STATUS P1 RELEASE DATE 16.08.2016 05:56:36		A REV		SERIES 201440		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET				
6		5		4		3		2		1		
DOCUMENT NUMBER 2014400096		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 1 OF 1						