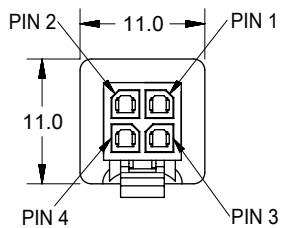
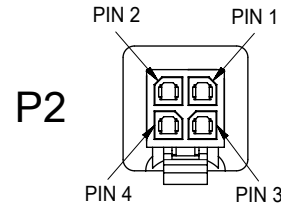
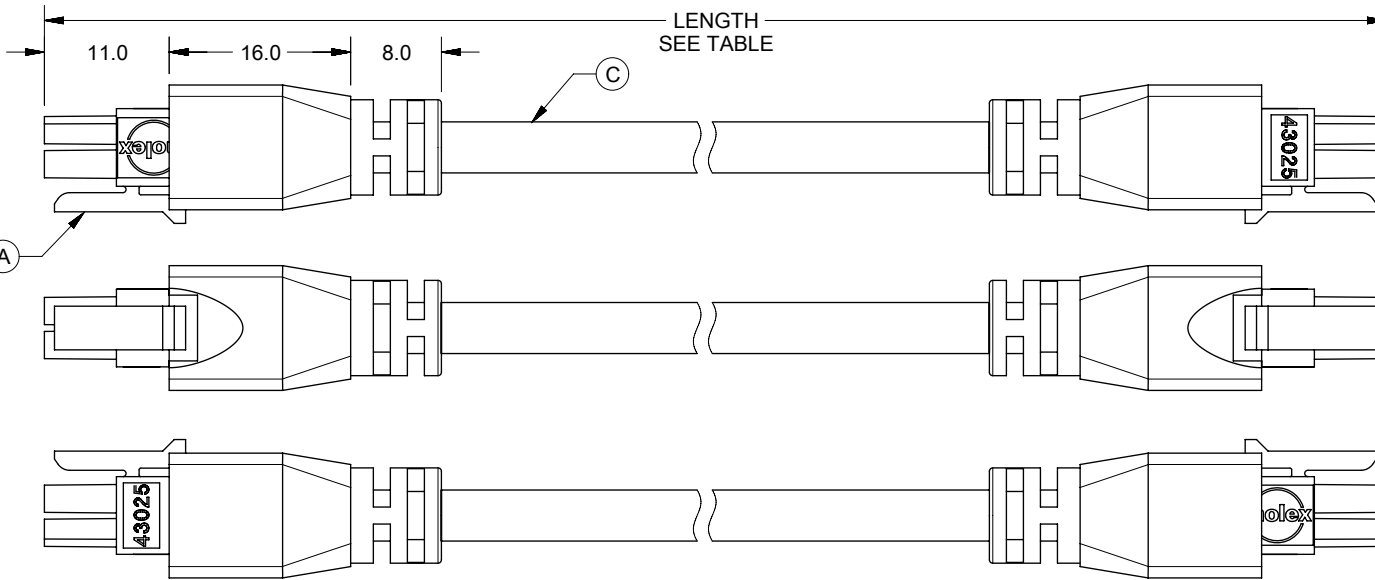


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/08/01	A	INITIAL RELEASE	LH LIU



P1



P2

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: 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: 55MM
- 3.4 MINIMUM STATIC BEND RADIUS: 25MM

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

2451320450	MICROFIT 4 CIRCUIT BLACK 5M OM	5000±50
2451320430	MICROFIT 4 CIRCUIT BLACK 3M OM	3000±30
2451320420	Microfit 4 Circuit Black 2M Overmolded	2000±20
2451320410	Microfit 4 Circuit Black 1M Overmolded	1000±15
2451320405	Microfit 4 Circuit Black 500MM OM	500±10
PN	TITLE	LENGTH

C	4CX20AWG;UNSH;PVC;BK;5.50MM;UL2464	SEE TABLE	
B	MicroFit 3.0 DR Rcpt 4Ckt		2
A	MicroFit 3.0 F Crp Term Chn Tin 20-24		8
ITEM	DESCRIPTION	L(MM)	Q'TY

WIRING CHART		
P1	WIRE COLOR	P2
PIN 1	BROWN	PIN 1
PIN 2	YELLOW	PIN 2
PIN 3	WHITE	PIN 3
PIN 4	GREEN	PIN 4

<b>QUALITY SYMBOLS</b> 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				<b>molex</b> SEE TABLE PRODUCT CUSTOMER DRAWING	
	EC NO: 107522 DRWN: XJGU001 CHK'D: LH LIU REV APPR: FNIE	2016/07/31 2016/08/14 2016/08/15	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0 °		DIMENSION UNITS: MM SCALE: 1.5:1	
			4 PLACES ±	DRWN BY: XJGU001 DATE: 2016/06/23		
			3 PLACES ±	CHK'D BY: LH LIU DATE: 2016/07/27		
2 PLACES ± 0.25	APPR BY: _____ DATE: _____		SERIES: 201440 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET			
1 PLACE ± 0.5	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: A4 THIRD ANGLE PROJECTION		DOCUMENT NUMBER: 2014400088 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 1	
0 PLACES ±						