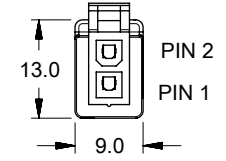
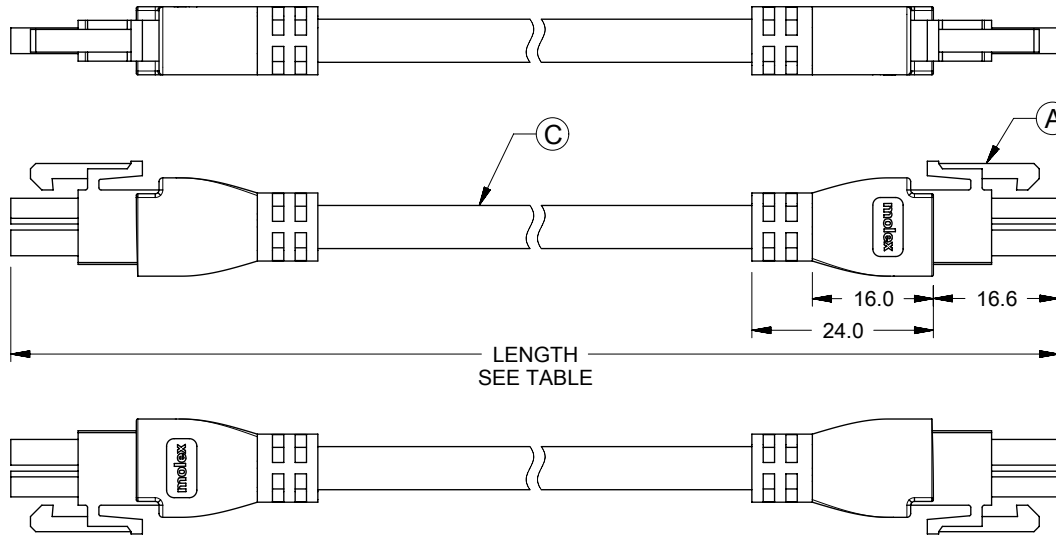
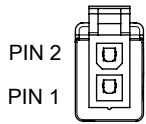


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/07/29	A	INITIAL RELEASE	LH LIU

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: 8 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

2451350220	Minifit Jr 2 Circuit Black 2M OM	2000+/-20	
2451350210	Minifit Jr 2 Circuit Black 1M OM	1000+/-15	
2451350205	Minifit Jr 2 Circuit Black 500MM OM	500+/-10	
PN	TITLE	LENGTH	
C	2CX18AWG;UNSH;PVC;BK;5.40MM;UL2464	SEE TABLE	
B	CRIMP REC HOUSING 555702R	2	
A	MF PLUS HCS CRIMP TERM. FEM 18-20 GA TIN	4	
ITEM	DESCRIPTION	L(MM)	Q'TY

WIRING CHART		
P1	WIRE COLOR	P2
PIN 1	BLACK	PIN 1
PIN 2	RED	PIN 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EC NO: 107525 DRWN: XJGU001 CHK'D: LH LIU APPR: FNIE	2016/07/27 2016/08/14 2016/08/15	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	SCALE			
	MM		1:1				
	DRWN BY		DATE				
	XJGU001		2016/05/30				
CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING					
LH LIU	2016/07/27						
APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER			
		201440	SEE TABLE	GENERAL MARKET			
A	REV	DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
		A4		2014400029	PSD	000	1 OF 1

RELEASE STATUS	P1	RELEASE DATE	16.08.2016	05:56:45
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