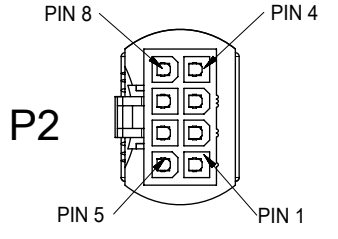
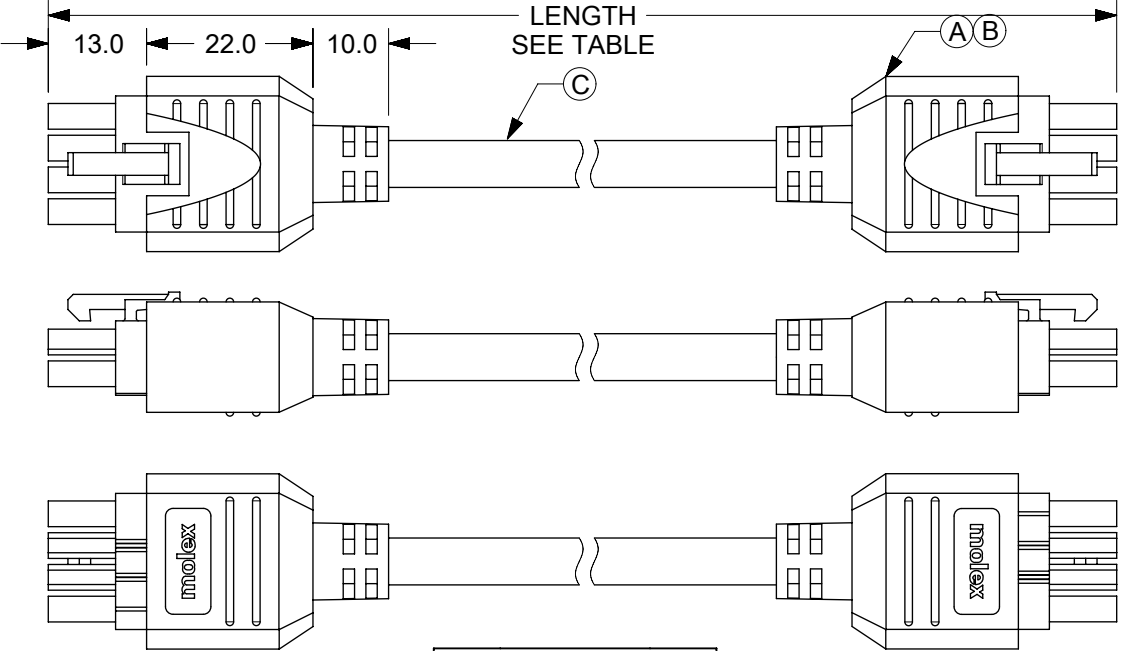
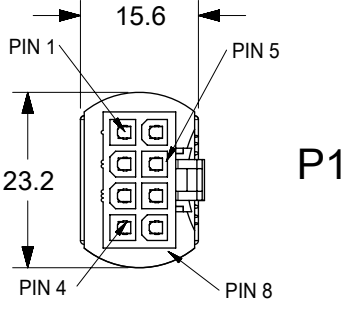


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/09/23	A	INITIAL RELEASE	LH LIU
CY17-5530	2017/04/05	B	CHANGE TITLE FOR 2451350805	LH LIU



- NOTES:
- MOLDING MATERIAL:
 - INNERMOLD AND STOPPER MOLD: PE RESIN
 - OVERMOLD: BLACK PVC RESIN.
 - ELECTRICAL PERFORMANCE:
 - CURRENT RATING: 6 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.
 - DIELECTRONIC 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	GRAY	PIN 8

PN	TITLE	LENGTH
2451350820	Minifit Jr 8 Circuit Black 2M OM	2000+/-20
2451350810	Minifit Jr 8 Circuit Black 1M OM	1000+/-15
2451350805	Minifit Jr 8 Circuit Black 500MM OM	500+/-10

ITEM	DESCRIPTION	L(MM)	Q'TY
C	8CX18AWG;UNSH;PVC;BK;8.00MM;UL2464	SEE TABLE	
B	NEW MINI FIT CONN HOUS 555708R		2
A	MF PLUS HCS CRIMP TERM. FEM 18-20 GA TIN		16

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

EC NO: 115413 DRWN: XJGU001 CHK'D: LH LIU APPR: FNIE	2017/03/29	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
	2017/04/06		MM	1:1
	2017/04/06		DRWN BY	DATE
			XJGU001	2016/06/17
			CHK'D BY	DATE
	LH LIU	2016/09/23		
	APPR BY	DATE		
	FNIE	2016/10/06		
	DRAWING SIZE	THIRD ANGLE PROJECTION		
	A4			

molex

SEE TABLE

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
201440	SEE TABLE	GENERAL MARKET
DOCUMENT NUMBER	DOC TYPE	DOC PART SHEET NUMBER
2014400058	PSD	000 1 OF 1

RELEASE STATUS	P1	RELEASE DATE	06.04.2017	09:36:46
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