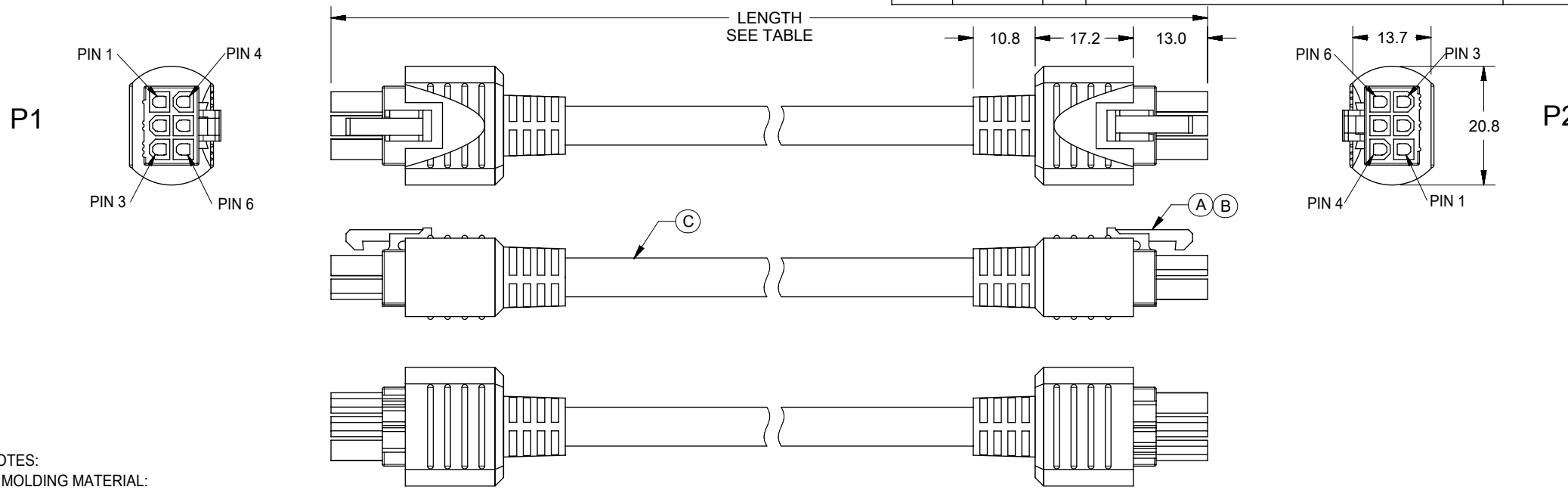
REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/07/29	A	INITIAL RELEASE	LH LIU



NOTES:
1. MOLDING MATERIAL:
 1.1 INNERMOLD AND STOPPER MOLD: PE RESIN.
 1.2 OVERMOLD: WHITE PVC RESIN.
2. ELECTRICAL PERFORMANCE:
 2.1 CURRENT RATING: 6.5 AMPS.
  (EACH APPLICATION SHOULD BE EVALUATED BY THE END USER FOR COMPLIANCETO 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) DIELECTRONIC 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 REDIUS: 75MM
 3.4 MINIMUM STATIC BEND REDIUS: 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.

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	YELLOW	PIN 6

TABLE

PN	TITLE	LENGTH
2451350620	Minifit Jr 6 Circuit Black 2M Overmolded	2000+/-20
2451350610	Minifit Jr 6 Circuit Black 1M Overmolded	1000+/-15
2451350605	Minifit Jr 6 Circuit Black 500MM OM	500+/-10

ITEM	DESCRIPTION	L(MM)	Q'TY
C	6C*18AWG;UNSHLD;PVC;BK;OD=7.40MM;UL2464	SEE TABLE	
B	NEW MINI FIT CONN HOUS 555706R		2
A	MiniFit Term Crp Fem Lse Bs Tin 18-24		12

RELEASE STATUS	P1	RELEASE DATE	16.08.2016 05:56:46

FORMAT: tb-prod-A4
REVISION: G
DATE: 2015/12/14

QUALITY SYMBOLS
= 0
= 0
= 0
= 0
= 0
= 0
= 0
= 0

EC NO: 107525
DRWN: XJGUO01
CHK'D: LHLIU
APPR: FNIE
2016/07/28
2016/08/14
2016/08/15
REV A

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: 1:2
DRWN BY: XJGUO01 DATE: 2016/06/02
CHK'D BY: LHLIU DATE: 2016/07/27
APPR BY: DATE:
DRAWING SIZE: A4
THIRD ANGLE PROJECTION

molex®

SEE TABLE

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
201440	SEE TABLE	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
2014400031	PSD	000	1 OF 1