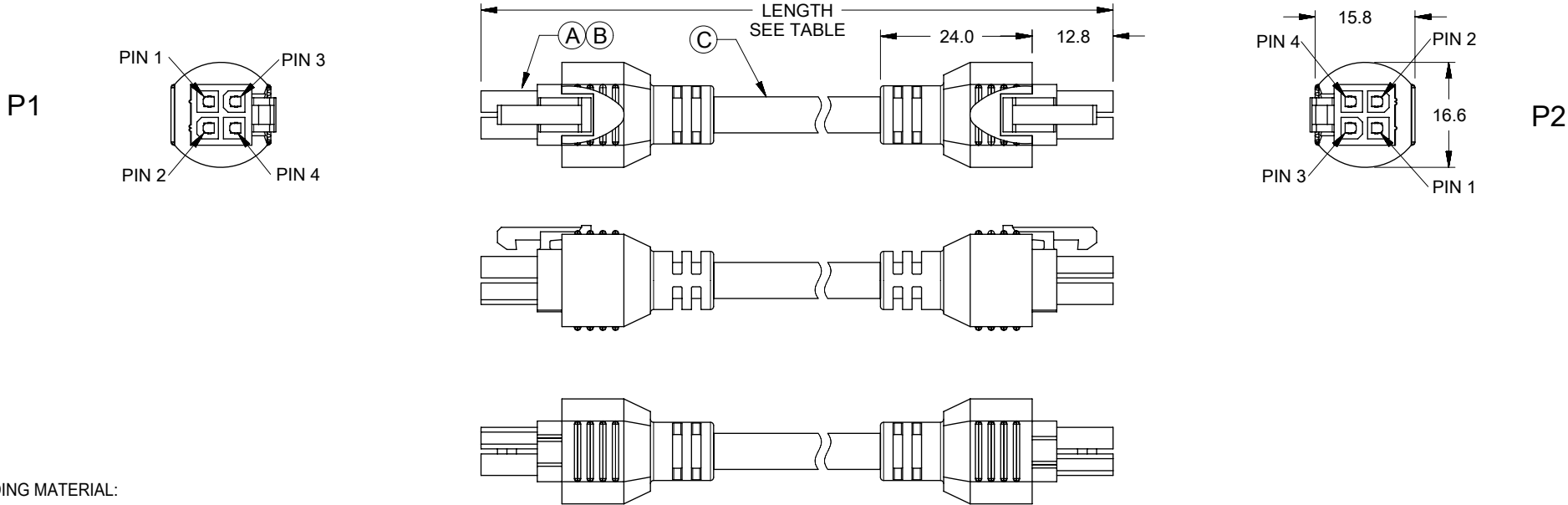


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/09/23	A	INITIAL RELEASE	LH LIU



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: 7.5 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: 65MM

3.4 MINIMUM STATIC BEND REDIUS: 30MM

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

2451350420	Minifit Jr 4 Circuit Black 2M Overmolded	2000+/-20
2451350410	Minifit Jr 4 Circuit Black 1M Overmolded	1000+/-15
2451350405	Minifit Jr 4 Circuit Black 500MM Overmolded	500+/-10
PN	TITLE	LENGTH

C	4CX18AWG;UNSH;PVC;BK;6.50MM;UL2464	SEE TABLE	
B	NEW MINI FIT CONN REC HSG 555704R		2
A	MiniFit Term Crp Fem Lse Bs Tin 18-24		8
ITEM	DESCRIPTION	L(MM)	Q'TY

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

QUALITY SYMBOLS

= 0

= 0

= 0

= 0

= 0

= 0

= 0

= 0

= 0

= 0

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

EC NO: 109039

DRWN: XJGU001

CHK'D: LH LIU

REV: A

2016/09/22

2016/09/29

2016/10/05

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

1:1

DRWN BY

DATE

XJGU001

2016/06/21

CHK'D BY

DATE

LH LIU

2016/09/22

APPR BY

DATE

DRAWING SIZE

THIRD ANGLE PROJECTION

A4

SEE TABLE

PRODUCT CUSTOMER DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

201440

SEE TABLE

GENERAL MARKET

DOCUMENT NUMBER

DOC TYPE

DOC PART

SHEET NUMBER

2014400030

PSD

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1 OF 1