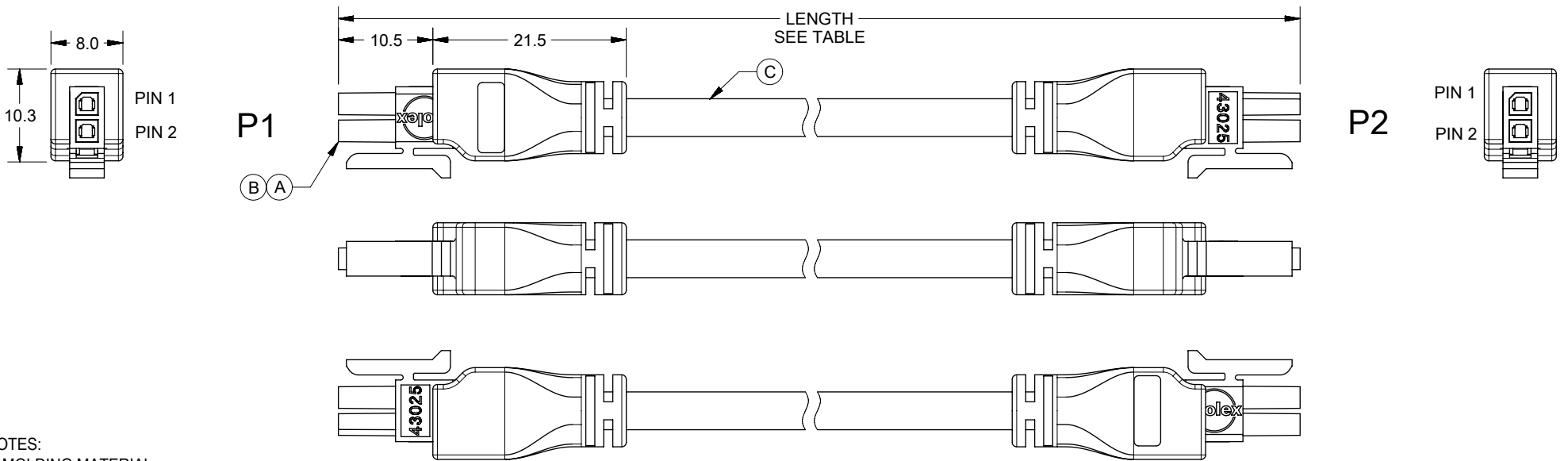


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/08/01	A	INITIAL RELEASE	LH LIU



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: 5.5 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: 50MM

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

2451320250	MICROFIT 2 CIRCUIT BLACK 5M OM	5000±50
2451320230	MICROFIT 2 CIRCUIT BLACK 3M OM	3000±30
2451320220	Microfit 2 Circuit Black 2M Overmolded	2000±20
2451320210	Microfit 2 Circuit Black 1M Overmolded	1000±15
2451320205	Microfit 2 Circuit Black 500MM OM	500±10
PN	TITLE	LENGTH

C	2C*20AWG;UNSH;PVC;BK;OD=5.20MM;UL2464	SEE TABLE	
B	MicroFit 3.0 DR Rcpt 2Ckt		2
A	MicroFit 3.0 F Crp Term Chn Tin 20-24		4
ITEM	DESCRIPTION	L(MM)	Q'TY

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

QUALITY SYMBOLS

= 0

= 0

= 0

= 0

= 0

= 0

= 0

= 0

= 0

EC NO: 107522

DRWN: XJGU001

CHK'D: LH LIU

APPR: FNIE

REV: A

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

2016/07/28

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

MM

SCALE

1.5:1

DRWN BY

DATE

2016/06/23

CHK'D BY

DATE

2016/07/27

APPR BY

DATE

DRAWING SIZE

A4

THIRD ANGLE PROJECTION

SEE TABLE

PRODUCT CUSTOMER DRAWING

SERIES

201440

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

2014400085

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

1 OF 2

RELEASE STATUS P1 RELEASE DATE 16.08.2016 05:56:15

6 5 4 3 2 1