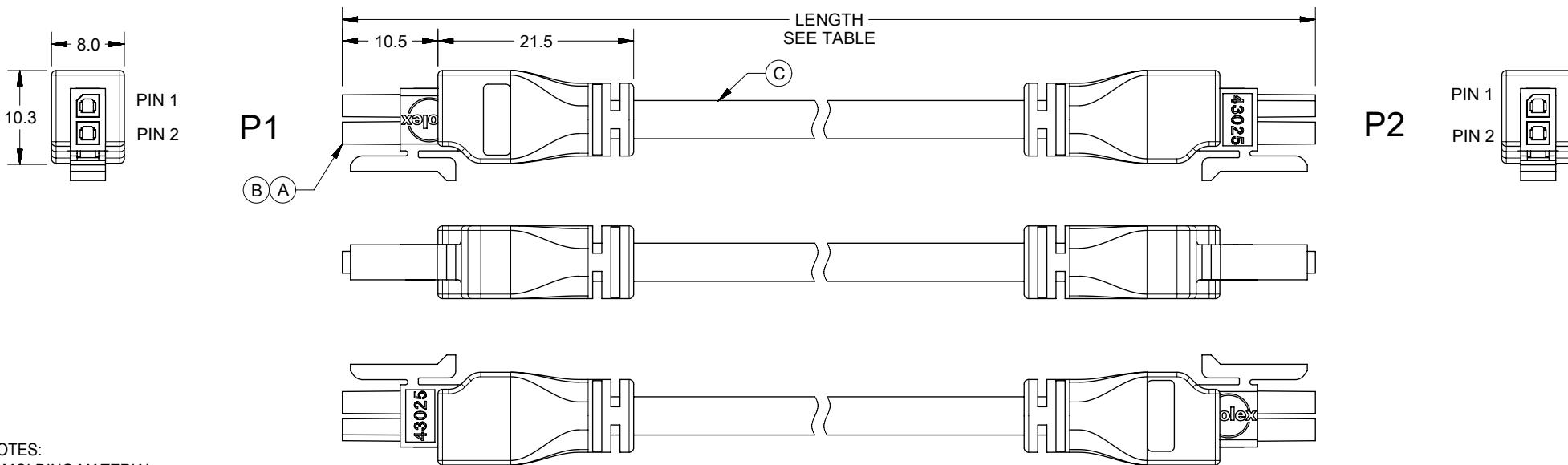


## REVISIONS

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.

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									
QUALITY SYMBOLS	2016/07/28 2016/08/14 2016/08/15	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS MM	SCALE 1.5:1	SEE TABLE			
		ANGULAR TOL $\pm$ 2.0°	4 PLACES $\pm$						
$\nabla$ = 0				XJGU001	2016/06/23	PRODUCT CUSTOMER DRAWING			
$\nabla$ = 0				LHLLIU	2016/07/27				
$\nabla$ = 0				APPR BY	DATE	GENERAL MARKET			
$\nabla$ = 0				DRAWING SIZE	THIRD ANGLE PROJECTION				
$\nabla$ = 0				A4		201440	SEE TABLE	GENERAL MARKET	
$\nabla$ = 0						DOCUMENT NUMBER	2014400085	DOC TYPE	PSD
$\nabla$ = 0						DOC PART	000	SHEET NUMBER	1 OF 2

SEE TABLE

PRODUCT CUSTOMER DRAWING

SERIES MATERIAL NUMBER CUSTOMER

201440 SEE TABLE GENERAL MARKET