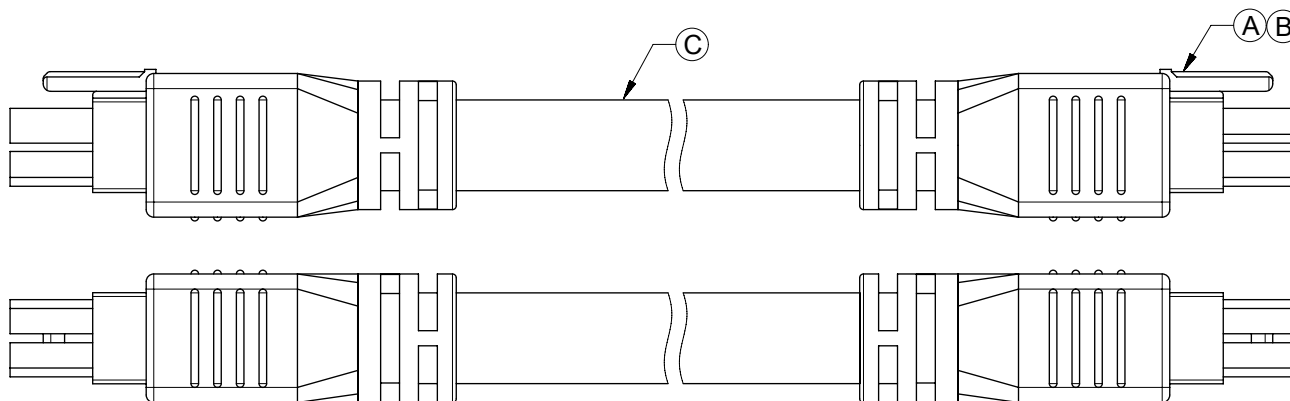
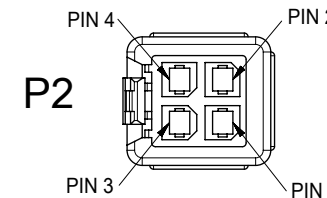
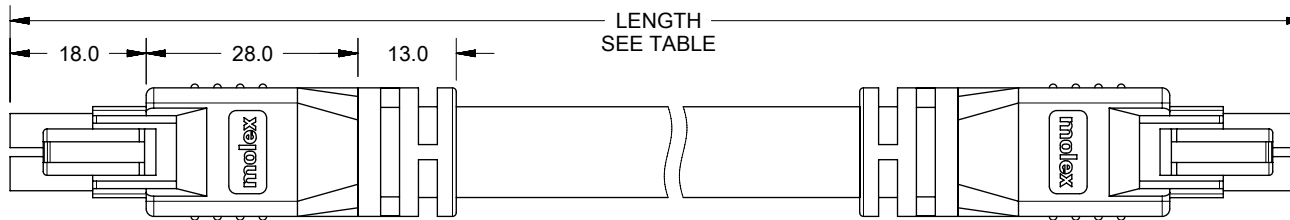
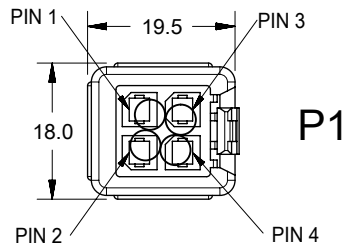


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/10/13	A	INITIAL RELEASE	LH LIU
CY17-6119	2017/07/12	B	CANCEL STOPPER, ADD 3M DP100FR TO FIX THE TERMINALS	LH Liu



**NOTES:**

1. MOLDING MATERIAL:
  - 1.1 INNERMOLD: PE RESIN.
  - 1.2 OVERMOLD: BLACK PVC RESIN.
2. ELECTRICAL PERFORMANCE:
  - 2.1 CURRENT RATING: 15 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: 100MM
  - 3.4 MINIMUM STATIC BEND RADIUS: 50MM
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.
6. FIX ALL THE TERMINALS AND SEAL THE HOUSING CAVITIES BY 3M DP100FR.

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

**TABLE**

2451360420	MegaFit 4 Circuit Black 2M Overmolded	2000±20
2451360410	MegaFit 4 Circuit Black 1M Overmolded	1000±15
2451360405	MegaFit 4 Circuit Black 500MM Overmolded	500±10
PN	TITLE	LENGTH

C	4CX12AWG;UNSH;PVC;BK;10.30MM;UL2464	SEE TABLE	
B	Mega-Fit Receptacle Hsg 4 ckt V-0		2
A	Mega-Fit Female Crimp 12 AWG 15 Gold		8
ITEM	DESCRIPTION	L(MM)	Q'TY

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

QUALITY SYMBOLS	2017/07/08 2017/07/14 EC NO: 119392 DRWN: LHLIU CHK'D: LHLIU APPR:	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 <b>MM</b> SCALE <b>1:1</b> DRWN BY <b>XJGU001</b> DATE <b>2016/06/18</b> CHK'D BY <b>LHLIU</b> DATE <b>2016/10/13</b> APPR BY <b>FNIE</b> DATE <b>2016/10/13</b> DRAWING SIZE <b>A4</b> THIRD ANGLE PROJECTION
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<b>molex</b>			
SEE TABLE			
PRODUCT CUSTOMER DRAWING			
SERIES	MATERIAL NUMBER	CUSTOMER	
201440	SEE TABLE	GENERAL MARKET	
DOCUMENT NUMBER		DOC TYPE	DOC PART SHEET NUMBER
2014400071		PSD	000 1 OF 1