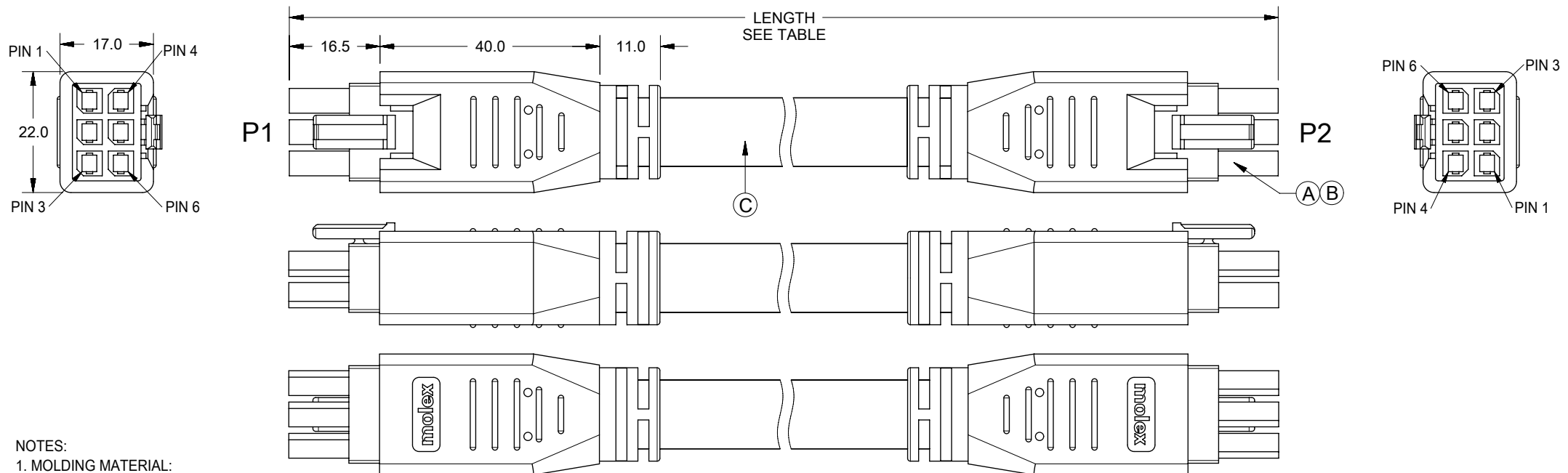


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2016/02/02	A1	INITIAL RELEASE	LH LIU
CY18-5195	2018/08/30	B	UPDATE TITLE	CISSY



- NOTES:
- MOLDING MATERIAL:
    - INNERMOLD AND STOPPER MOLD: PE RESIN.
    - OVERMOLD: BLACK PVC RESIN.
  - ELECTRICAL PERFORMANCE:
    - CURRENT RATING: 12 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.)
    - VOLTAGE RATING: 300V AC.
    - THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-000.
      - DIELECTRIC STRENGTH: 500V DC/0.01 SEC.
      - INSULATION RESISTANCE: 20M OHMS.
  - MECHANICAL PERFORMANCE:
    - OVERMOLD SIDE CAN WITHSTAND 5KGF AXIAL TENSILE FORCE FOR ONE MINUTE WITHOUT PHYSICAL DAMAGE.
    - OVERMOLD SIDE CAN PASS THE BENDING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.
    - MINIMUM DYNAMIC BEND RADIUS: 125MM
    - MINIMUM STATIC BEND RADIUS: 60MM
  - TEMPERATURE:
    - OPERATING TEMPERATURE: -20 TO 80 C DEG.  
(INCLUDING T-RISE FROM APPLIED CURRENT)
  - 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	WHITE	PIN 3
PIN 4	GREEN	PIN 4
PIN 5	ORANGE	PIN 5
PIN 6	BLUE	PIN 6

PN	TITLE	LENGTH
2451360620	Megafit 6 Circuit Black 2M Overmolded	2000+/-20
2451360610	Megafit 6 Circuit Black 1M Overmolded	1000+/-15
2451360605	Megafit 6ckt Black 500MM Overmolded	500+/-10

ITEM	DESCRIPTION	L(MM)	Q'TY
C	6Cx12AWG,UNSH,PVC,BK,OD12.0mm,UL2464	SEE TABLE	
B	Mega-Fit Receptacle Hsg 6 ckt V-0		2
A	Mega-Fit Female Crimp 12 AWG 15 Gold		12

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:				
∇ = 0	mm	1:1		EC NO: 603695 DRWN: ZZXIAN 2018/08/30 CHK'D: CWANG49 2018/08/30 APPR: LH LIU 2018/08/30 INITIAL REVISION: DRWN: XJGUO01 2016/06/18 APPR: CLAN01 2018/02/12						
∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									
∇ = 0	ANGULAR TOL ± 2.0°									
∇ = 0	4 PLACES ±									
∇ = 0	3 PLACES ±									
∇ = 0	2 PLACES ± 0.25									
∇ = 0	1 PLACE ± 0.5			DOCUMENT NUMBER		DOC TYPE		DOC PART		
∇ = 0	0 PLACES ±			2014400075		PSD		000		
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		
			A4-SIZE		201440		MATERIAL NUMBER		CUSTOMER	
					SEE TABLE		GENERAL MARKET		SHEET NUMBER	
									1 OF 1	

**molex**

SEE TABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2014400075	PSD	000	B

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/30	10:12:26
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