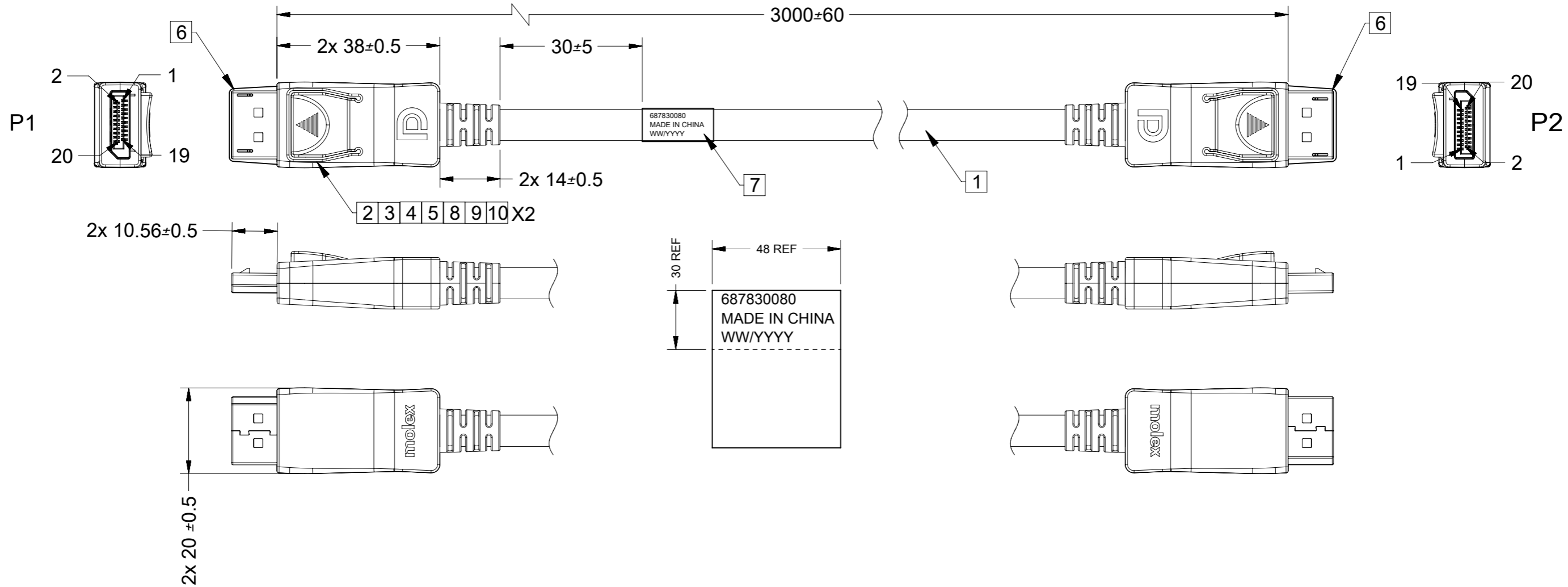


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
CY18-6452	2018/12/25	B	1.CHANGE PLASTIC SHELL RESIN 2.CHANGE RAW CABLE	ROY LIU
CY19-5675	2019/8/15	C	1.ADD WIRE HOLDER 2.CHANGE WIRE COLOR AND WIRE CHART	CISSY



NOTE:

- ENVIRONMENT REQUIREMENT
 - THIS PRODUCT MUST MEET 2011/65/EU ROHS COMPLIANCE.
- FLAMMABILITY RATINGS:
 - CABLES : UL VW-1 AND CSA FT-1 OR BETTER.
 - CONNECTORS : UL94V-1 OR BETTER.
- TEMPERATURE REQUIREMENT:
 - OPERATING RANGE: -20°C to +80°C
 - STORAGE RANGE: -20°C to +80°C
- MECHANICAL PERFORMANCE
 - CABLE FLEXING:
 - SHOULD PASS 100 CYCLES MINIMUM IN EACH OF 2 PLANES AT THE SPEED OF 12 TO 14 COMPLETE CYCLES (OF 180 TOTAL TRAVERSE) PER MINUTE, WITH X= 3.7 TIMES OF CABLE DIAMETER (PER EIA-364-41, CONDITION I); NO DAMAGE AND NO ELECTRICAL DISCONTINUITY OVER 1 MICROSECOND, CONFORM TO ITEM OF DIELECTRIC WITHSTANDING VOLTAGE AND INSULATION RESISTANCE
 - CABLE PULLOUT FORCE (AXIAL LOAD): 5KGF MIN FOR 1 MINUTE, NO DAMAGE AND OPEN-SHORT OCCUR
- ELECTRICAL PERFORMANCE:
 - VOLTAGE RATING: 30 VDC.
 - RATED CURRENT RATING: 0.5A AC (RMS)/DC
 - THIS PRODUCT MUST PASS 100% CONTINUITY TEST.
 - INSULATION RESISTANCE (MATED CONNECTOR) : 10 M ohms MIN/DC150V
 - CONDUCTIVE RESISTANCE: 2.6 Ohms MAX.
 - THIS PRODUCT NEED MEET DISPLAY PORT 1.3 HBR3 SPEC
- ALL CONNECTOR AND WIRING NEED MEET INDUSTRY REQUIREMENT
- LABEL FONT: ARIAL FONT, TEXT HEIGHT IS ABOUT 2MM.

PIN ASSIGNMENT

P1	P2	SIGNAL	COLOR	
			Al-foil	WIRE
PIN3	PIN10	ML0-	BLUE	WHITE
PIN1	PIN12	ML0+		BROWN
PIN2	PIN11	GROUND	BLUE	DRAIN WIRE
PIN6	PIN7	ML1-		WHITE
PIN4	PIN9	ML1+	GREEN	
PIN5	PIN8	GROUND	BLUE	DRAIN WIRE
PIN9	PIN4	ML2-		WHITE
PIN7	PIN6	ML2+	BLUE	
PIN8	PIN5	GROUND	BLUE	DRAIN WIRE
PIN12	PIN1	ML3-		WHITE
PIN10	PIN3	ML3+	RED	
PIN11	PIN2	GROUND	BLUE	DRAIN WIRE
PIN15	PIN15	AUX+		WHITE
PIN17	PIN17	AUX-	YELLOW	
PIN16	PIN16	GROUND	GREEN	DRAIN WIRE
PIN13	PIN13	CONFIG 1		
PIN14	PIN14	CONFIG 2	BLUE	
PIN18	PIN18	HOT PLUG DETECT	RED	
PIN19	PIN19	GROUND	BROWN	
SHELL	SHELL	GROUND	BRAID	

ITEM	DESCRIPTION	QTY'
10	WIRE HOLDER FOR 30AWG	2
9	METAL SHELL	2
8	COPPER FOIL W:8mm	A/R
7	LABEL	1
6	DUST COVER, PE	2
5	SR, BLACK PVC 45P	A/R
4	LDPE	A/R
3	PLUG SUB-ASSY FOR DISPLAYPORT,Material: ABS	2
2	DP CONNECTOR 20P MALE, 15U" Au SOLDER TYPE, WITH TIN PLATE AND LATCH	2
1	UL20276(28#*1P+EAM)*5+28#*4C+AL+AE+B(85% TINNEI COPPER) BLACK PVC OD:7.3mm	A/R

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

SYMBOLS ▽ = 0 DIMENSION UNITS: mm SCALE: 1:1 ▽ = 0 GENERAL TOLERANCES (UNLESS SPECIFIED) ▽ = 0 ANGULAR TOL ± ° ▽ = 0 4 PLACES ± ▽ = 0 3 PLACES ± ▽ = 0 2 PLACES ± 0.25 ▽ = 0 1 PLACE ± 0.5 ▽ = 0 0 PLACES ± ▽ = 0 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CURRENT REV DESC: EC NO: 622548 DRWN: ZZXIAN 2019/08/07 CHK'D: CWANG49 2019/08/19 APPR: FNIE 2019/08/19 INITIAL REVISION: DRWN: ZZXIAN 2018/06/21 APPR: LHUI 2018/08/29	 DISPLAYPORT TO DISPLAYPORT 1.3 3M W LATC PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 2012400100 DOC TYPE: PSD DOC PART: 000 REVISION: C MATERIAL NUMBER: 687830080 CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 1
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