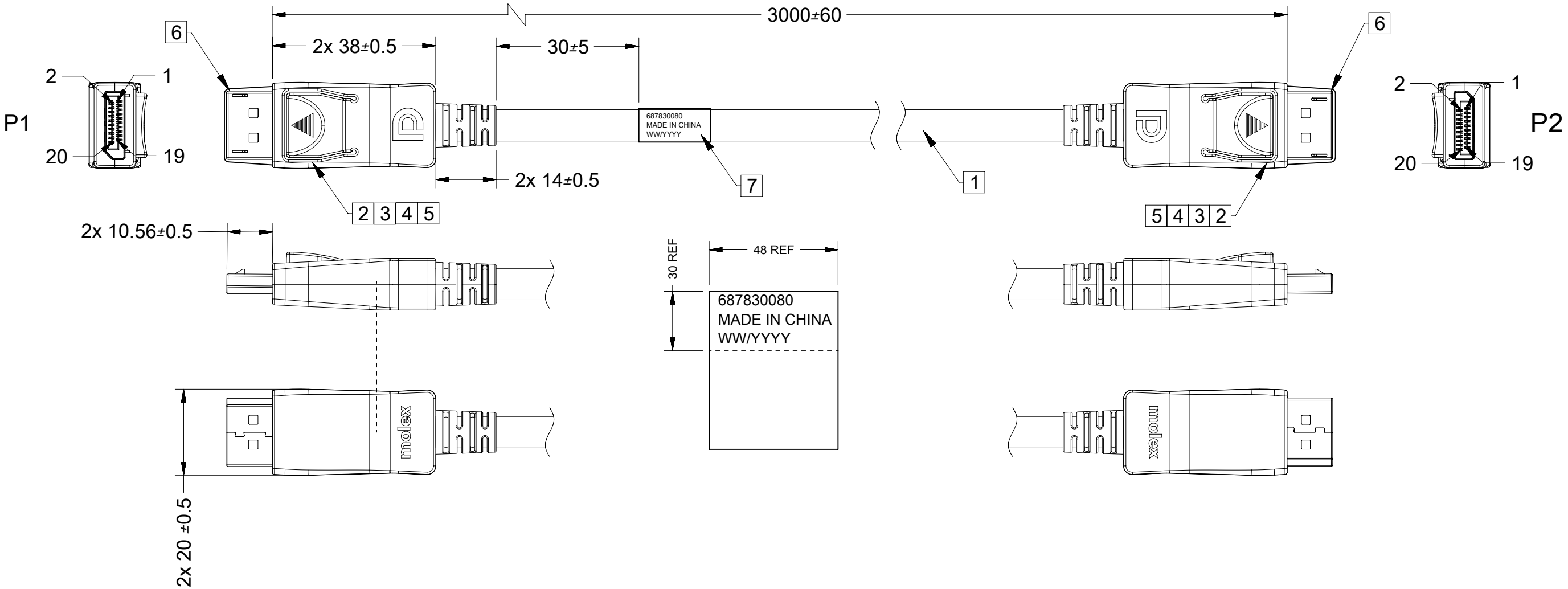


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2018/08/18	A	INITIAL RELEASE	ROY LIU
CY18-6452	2018/12/25	B	1.CHANGE PLASTIC SHELL RESIN 2.CHANGE RAW CABLE	ROY LIU



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 REQUEST
- LABEL FONT: ARIAL FONT, TEXT HEIGHT IS ABOUT 2MM.

PIN ASSIGNMENT

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

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 TINPLATE AND LATCH	2
1	UL20276(28#*1P+EAM)*5+28#*4C+A4DB(AL) BLACK PVC OD:7.3mm	A/R
ITEM	DESCRIPTION	QTY'

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL		± °					EC NO: 609606 DRWN: ZZXIAN 2018/12/13 CHK'D: RLIU44 2018/12/26 APPR: LHLIU 2018/12/27			DISPLAYPORT TO DISPLAYPORT 1.3 3M W LATC				
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.25					INITIAL REVISION:			PRODUCT CUSTOMER DRAWING				
	1 PLACE		± 0.5												
	0 PLACES		±												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION					DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	
				A3-SIZE		201240		2012400100		PSD		000		B	

MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
687830080		GENERAL MARKET		1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2018/12/27	03:01:51
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