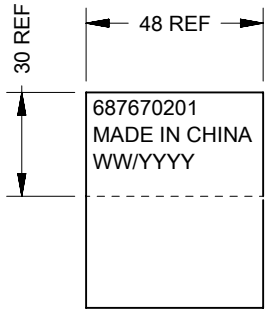
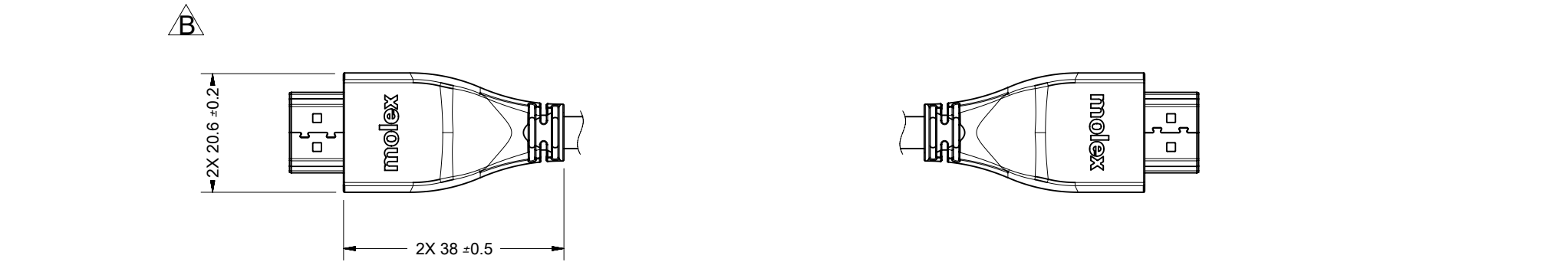
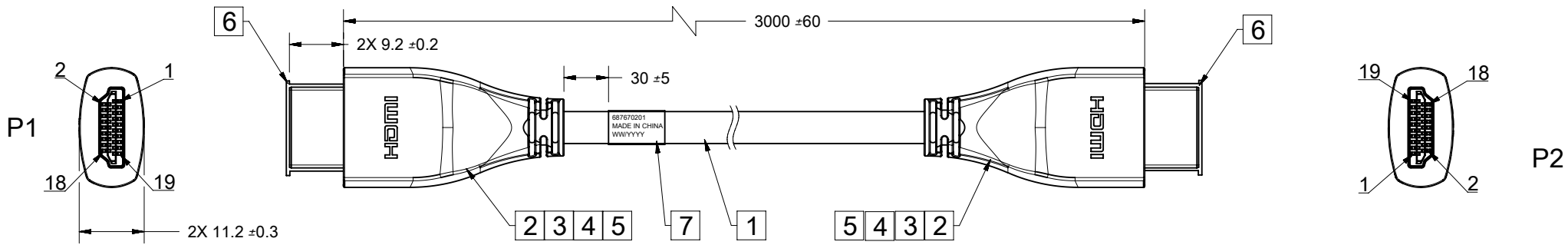


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2018/08/16	A	INITIAL RELEASE	ROY
CY18-6452	2018/12/25	B	1.CHANGE TOLERANCE OF DIM 11.2 2.CHANGE RAW CABLE	ROY



7	LABEL	1
6	DUST COVER MOLDED WITH PE	2
5	OVERMOLD BLACK PVC 45P	A/R
4	INNERMOLD LD-PE	A/R
3	METAL SHELL FOR HDMI 19P MALE	2
2	CONN.HDMI 19P MALE,15U"Au Solder Type	2
1	UL20276(28#*1P+EAM)*5+28#*4C+A4EB(AL)BLACK PVC 0D:7.3MM	A/R
ITEM	DESCRIPTION	QTY'

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		<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <p>ANGULAR TOL ± °</p> <p>4 PLACES ±</p> <p>3 PLACES ±</p> <p>2 PLACES ± 0.25</p> <p>1 PLACE ± 0.5</p> <p>0 PLACES ±</p> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>									
∇ = 0													
∇ = 0													
∇ = 0													
∇ = 0													
∇ = 0													
EC NO: 609606		DRWN: ZZXIAN		2018/12/13		<p>molex</p> <p>HDMI TO HDMI A 1.4 WITH ETHERNET L=3M</p> <p>PRODUCT CUSTOMER DRAWING</p>							
CHK'D: RLIU44		2018/12/26											
APPR: LHLIU		2018/12/27											
INITIAL REVISION:		DRWN: ZZXIAN		2018/08/09		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
APPR: LHLIU		2018/08/29		2012390173		PSD		000		B			
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
A4-SIZE		201239		687670201		GENERAL MARKET		1 OF 2					










DOCUMENT STATUS	P1	RELEASE DATE	2018/12/27	03:01:47
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NOTE:

- 1. ENVIRONMENT REQUIREMENT
 - 1.1 THIS PRODUCT MUST MEET 2011/65/EU ROHS COMPLIANCE.
 - 1.2 FLAMMABILITY RATINGS:
 - CABLES-UL VW-1 AND CSA FT-1 OR BETTER.
 - CONNECTORS-UL94V-1 OR BETTER.
- 2. TEMPERATURE REQUIREMENT:
 - OPERATING TEMPERATURE RANGE: 0°C~ +70°C
 - STORAGE TEMPERATURE RANGE:-20°C~ +70°C
- 3. MECHANICAL SPECIFICATION:
 - 3.1 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 ELECTRICAL DISCONTINUITY OVER 1 MICROSECOND, CONFORM TO ITEM OF DIELECTRIC WITHSTANDING VOLTAGE AND INSULATION RESISTANCE
 - 3.2 PULLING FORCE:
 - THE CABLE ASSEMBLY SHOULD BE SUBJECTED TO A 40N AXIAL LOAD FOR MINIMUM OF 1 MINUTE PER 364-38, NO VISIBLE PHYSICAL DAMAGE AND NO ELECTRICAL DISCONTINUITY OVER 1 MICROSECOND TO THE CABLE ASSEMBLY
- 4. ELECTRICAL CHARACTERISTIC;
 - 4.1 RATED VOLTAGE RATING: 40V AC (RMS).
 - 4.2 RATED CURRENT RATING: 0.5A AC (RMS)/DC
 - 4.3 THIS PRODUCT MUST PASS 100% CONTINUITY TEST.
 - 4.4 INSULATION RESISTANCE (MATED CONNECTOR): 10 M ohms MIN/DC150V
 - 4.5 CONDUCTIVE RESISTANCE: 2.6 Ohms MAX.
 - 4.6 MEET HDMI1.4 SPEC
- 5. ALL CONNECTOR AND WIRING NEED CONFORM TO INDUSTRY REQUIREMENT
- 6. LABEL FONT: ARIAL FONT, TEXT HEIGHT IS ABOUT 2MM.

PIN ASSIGNMENT

P1	P2	SIGNAL	COLOR	
			AI-foil	WIRE
PIN3	PIN3	TMDS DATA 2-	BROWN	WHITE
PIN1	PIN1	TMDS DATA 2+		BLUE
PIN2	PIN2	TMDS DATA2 SHIELD		DRAIN WIRE
PIN6	PIN6	TMDS DATA 1-	GREEN	WHITE
PIN4	PIN4	TMDS DATA 1+		BLUE
PIN5	PIN5	TMDS DATA1 SHIELD		DRAIN WIRE
PIN9	PIN9	TMDS DATA 0-	BLUE	WHITE
PIN7	PIN7	TMDS DATA 0+		BLUE
PIN8	PIN8	TMDS DATA0 SHIELD		DRAIN WIRE
PIN12	PIN12	TMDS CLOCK-	RED	WHITE
PIN10	PIN10	TMDS CLOCK+		BLUE
PIN11	PIN11	TMDS CLOCK SHIELD		DRAIN WIRE
PIN14	PIN14	UTILITY/HEAC+	YELLOW	WHITE
PIN19	PIN19	HOT PLUG DETECT/HEAC-		BLUE
PIN17	PIN17	DDC/CEC GROUND/HEAC SHIELD		DRAIN WIRE
PIN13	PIN13	CEC		BROWN
PIN15	PIN15	SCL		GREEN
PIN16	PIN16	SDA		BLUE
PIN18	PIN18	+5V POWER		RED
SHELL	SHELL	GROUND		BRAID

SYMBOLS  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: mm SCALE: 1:1		CURRENT REV DESC: EC NO: 609606 DRWN: ZZXIAN 2018/12/13 CHK'D: RLIU44 2018/12/26 APPR: LHLIU 2018/12/27		 HDMI TO HDMI A 1.4 WITH ETHERNET L=3M					
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °		INITIAL REVISION: DRWN: ZZXIAN 2018/08/09 APPR: LHLIU 2018/08/29					PRODUCT CUSTOMER DRAWING		
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: A4-SIZE SERIES: 201239		DOCUMENT NUMBER: 2012390173 DOC TYPE: PSD DOC PART: 000 REVISION: B	
					MATERIAL NUMBER: 687670201 CUSTOMER: GENERAL MARKET		SHEET NUMBER: 2 OF 2			

DOCUMENT STATUS	P1	RELEASE DATE	2018/12/27	03:01:47
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