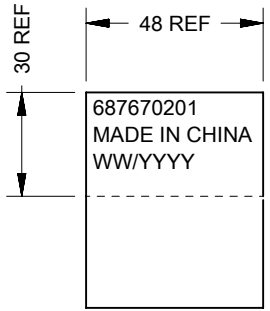
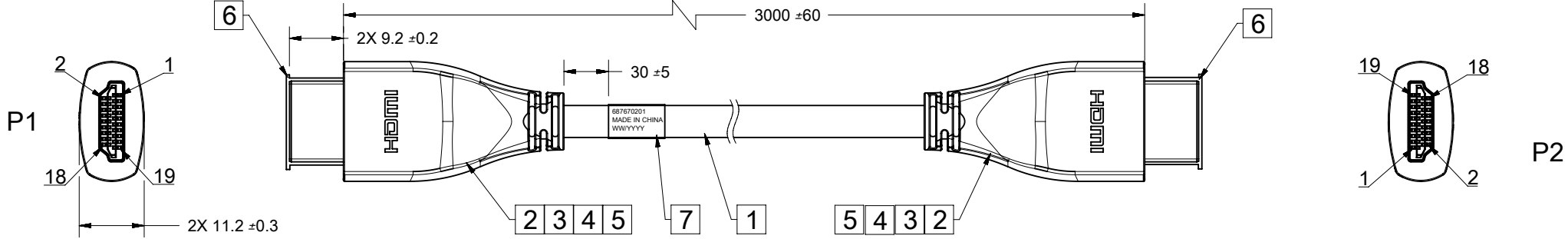


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2018/08/16	A	INITIAL RELEASE	ROY
CY18-6452	2018/12/25	B	1.CHANGE TOLERANCE OF DIM 11.2 2.CHANGE RAW CABLE	ROY
CY19-5443	2019/7/9	C	CHANGE RAW CABLE COLOR	ROY



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: 620312		DRWN: ZZXIAN		2019/07/09		<p><b>molex</b></p> <p>HDMI TO HDMI A 1.4 WITH ETHERNET L=3M</p> <p>PRODUCT CUSTOMER DRAWING</p>							
CHK'D: RLIU44		APPR: LHLIU		2019/07/09									
INITIAL REVISION:		DRWN: ZZXIAN		2018/08/09		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
APPR: LHLIU		2018/08/29		2012390173		PSD		000		C			
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
A4-SIZE		201239		687670201		GENERAL MARKET		1 OF 2					

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	08:57:22
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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
PIN3		PIN3	TMDS DATA 2-
PIN1		PIN1	TMDS DATA 2+
PIN2		PIN2	TMDS DATA2 SHIELD
PIN6		PIN6	TMDS DATA 1-
PIN4		PIN4	TMDS DATA 1+
PIN5		PIN5	TMDS DATA1 SHIELD
PIN9		PIN9	TMDS DATA 0-
PIN7		PIN7	TMDS DATA 0+
PIN8		PIN8	TMDS DATA0 SHIELD
PIN12		PIN12	TMDS CLOCK-
PIN10		PIN10	TMDS CLOCK+
PIN11		PIN11	TMDS CLOCK SHIELD
PIN14		PIN14	UTILITY/HEAC+
PIN19		PIN19	HOT PLUG DETECT/HEAC-
PIN17		PIN17	DDC/CEC GROUND/HEAC SHIELD
PIN13		PIN13	CEC
PIN15		PIN15	SCL
PIN16		PIN16	SDA
PIN18	PIN18	+5V POWER	
SHELL	SHELL	GROUND	

<b>SYMBOLS</b> = 0 = 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		CURRENT REV DESC:							
	DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b>	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 620312 DRWN: ZZXIAN 2019/07/09 CHK'D: RLIU44 2019/07/09 APPR: LHLIU 2019/07/09				HDMI TO HDMI A 1.4 WITH ETHERNET L=3M		
	ANGULAR TOL ± °	4 PLACES ±		INITIAL REVISION:		PRODUCT CUSTOMER DRAWING				
	3 PLACES ±	2 PLACES ± 0.25		DRWN: ZZXIAN 2018/08/09 APPR: LHLIU 2018/08/29		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	
	2 PLACES ± 0.5	1 PLACE ± 0.5		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<b>2012390173</b>	PSD	000	C	
	1 PLACE ±	0 PLACES ±		THIRD ANGLE PROJECTION		MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
	= 0	= 0				<b>A4-SIZE</b>	<b>201239</b>	687670201	GENERAL MARKET	2 OF 2
	= 0	= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
	= 0	= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<b>A4-SIZE</b>	<b>201239</b>	687670201	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2019/07/09	08:57:22
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