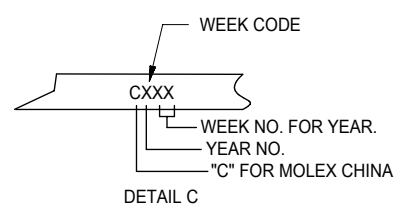
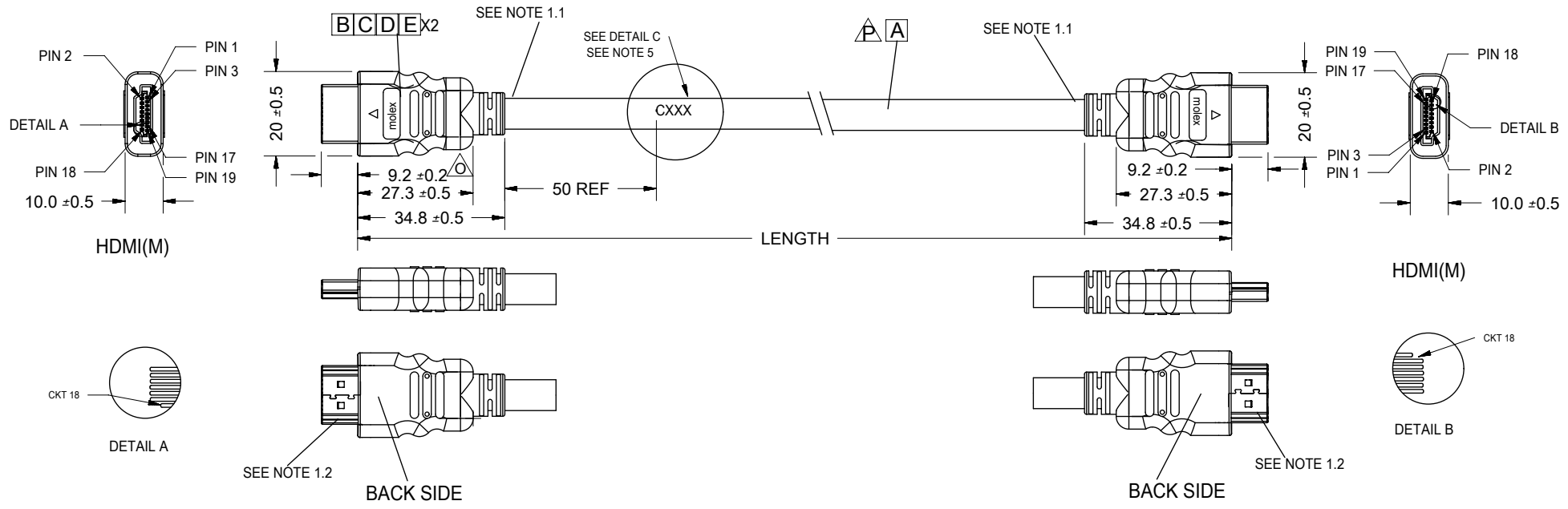


REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
CY11-6331&CY11-6427	2011/03/28	P	CHANGE RAW CABLE PN 172003629 TO 172004522.	JLIU13
TBD	2018/07/19	P1	CHANGE DESCRIPTION	ROY
628958	2019/04/17		OBSOLETE PART NUMBERS 887689920, 887689930	AKUMAR19



887689910	CABLE HDMI TO HDMI 30 AWG 2.0 M	2000 ± 60	BLACK	6.0MM(TMDS-AWG#30)	172004522	⚠
887689900	CABLE HDMI TO HDMI 30 AWG 1.0 M	1000 ± 30	BLACK	6.0MM(TMDS-AWG#30)	172004522	⚠
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N	

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

DIMENSION UNITS		SCALE		CURRENT REV DESC:
mm	NTS	MM	INCH	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 628958 DRWN: ZZXIAN 2018/07/18 CHK'D: GGA 2020/01/16 APPR: GGA 2020/01/16 INITIAL REVISION: DRWN: FZHANG01 2011/04/08 APPR: ZXDENG 2011/04/19
4 PLACES	±	±		
3 PLACES	±	±		
2 PLACES	±	±		
1 PLACE	±	±		
0 PLACES	±	±		
ANGULAR TOL ± °				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			A4-SIZE	88768

molex

HDMI(M) TO HDMI(M)
CABLE ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-88768-99XX	PSD	001	G1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/01/16	06:07:11
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6

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4

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1

NOTE:

1. OVERMOLD SPECIFICATION
 - 1.1 HDMI INNER MOLDED WITH PVC RESIN
 - HDMI OUTER MOLDED WITH PVC RESIN
 - HDMI OUTER MOLDED WITH PVC RESIN
 - 1.2 DUST COVER MOLDED WITH PE
2. PRODUCT ELECTRICAL SPECIFICATION REFER TO HDMI SPECIFICATION
3. CABLE CONSTRUCTION

(AWG#30*1P+D)*4 + AWG#30*1P + AWG#28*5C, 6.0MMOD
4. THE CODE PLEASE BE PRINTED ON THE SPACE
5. THIS PRODUCT MUST MEET EU CHEMICAL SUBSTANCE SPECIFICATION FOR PRODUCTS.(EU 2002/95/EC)

WIRE DIAGRAM			
SHIELD	SHIELD	OVERALL SHIELD	GROUND
PIN 19	PIN 19	PINK	HOT PLUG DETECT
PIN 18	PIN 18	ORANGE	+5V POWER
PIN 17	PIN 17	YELLOW	DDC/CEC GROUND
PIN 16	PIN 16	WHITE	SDA
PIN 15	PIN 15	RED	SCL
PIN 14	PIN 14	VIOLET	RESERVED
PIN 13	PIN 13	GRAY	CEC
PIN 12	PIN 12	WHITE	TMDS CLOCK-
PIN 11	PIN 11	BRAID	TMDS CLOCK SHIELD
PIN 10	PIN 10	BLACK	TMDS CLOCK+
PIN 9	PIN 9	WHITE	TMDS DATA 0-
PIN 8	PIN 8	BRAID	TMDS DATA 0 SHIELD
PIN 7	PIN 7	BLUE	TMDS DATA 0+
PIN 6	PIN 6	WHITE	TMDS DATA 1-
PIN 5	PIN 5	BRAID	TMDS DATA 1 SHIELD
PIN 4	PIN 4	GREEN	TMDS DATA 1+
PIN 3	PIN 3	WHITE	TMDS DATA 2-
PIN 2	PIN 2	BRAID	TMDS DATA 2 SHIELD
PIN 1	PIN 1	RED	TMDS DATA 2+
HDMI	HDMI	COLOR	CABLE FUNCTION

E	PRE-CUT C.Foil 47X23mm T=25U		2
D	COPPER FOIL 45*17MM		2
C	HDMI 19P MALE;30U"Au Solder Type		2
B	Metal Shell For HDMI 19P Male		2
A	(4P+1P)X30+5CX28;ALSH;PVC;BK;6.0;UL20276		1
ITEM	DESCRIPTION	L	QTY.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex		
mm		NTS					HDMI(M) TO HDMI(M) CABLE ASSY		
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 628958			PRODUCT CUSTOMER DRAWING		
	MM	INCH		DRWN: ZZXIAN 2018/07/18			DOCUMENT NUMBER		
4 PLACES	±	±		CHK'D: GGA 2020/01/16			SD-88768-99XX		
3 PLACES	±	±		APPR: GGA 2020/01/16			DOC TYPE DOC PART REVISION		
2 PLACES	±	±		INITIAL REVISION:			PSD 001 G1		
1 PLACE	±	±		DRWN: FZHANG01 2011/04/08					
0 PLACES	±	±		APPR: ZXDENG 2011/04/19					
ANGULAR TOL ± °				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SHEET NUMBER	
				DRAWING		SERIES		MATERIAL NUMBER	
				A4-SIZE		88768		SEE TABLE	
						CUSTOMER		GENERAL MARKET	

DOCUMENT STATUS	P1	RELEASE DATE	2020/01/16	06:07:11
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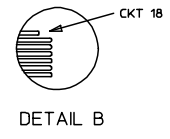
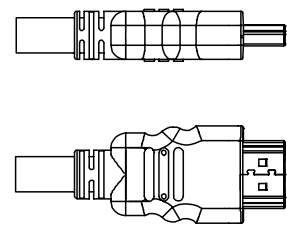
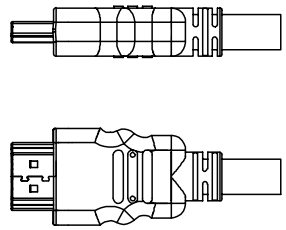
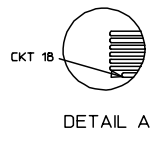
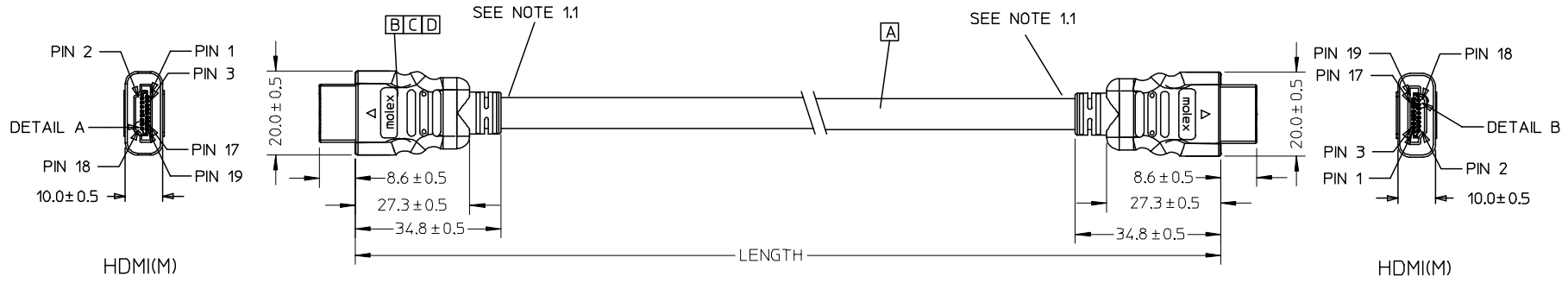
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88768-9930	HDMI TO HDMI CABLE ASS'Y,5M	5000 ± 100	BLACK	6.0MM(TMDS-AWG#30)	887808583
88768-9920	HDMI TO HDMI CABLE ASS'Y,3M	3000 ± 80	BLACK	6.0MM(TMDS-AWG#30)	887808583
88768-9910	HDMI TO HDMI CABLE ASS'Y,2M	2000 ± 60	BLACK	6.0MM(TMDS-AWG#30)	887808583
88768-9900	HDMI TO HDMI CABLE ASS'Y,1M	1000 ± 30	BLACK	6.0MM(TMDS-AWG#30)	887808583
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2006-0144 T1 DRWN: JFZHENG 2005/12/27 CHKD: 2005/12/30 APPR: DQLUO 2006/01/16	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
			mm	INCH	MM ONLY		---	METRIC		
		4 PLACES	±---	±---	DRAWN BY	DATE	TITLE			
		3 PLACES	±---	±---	JFZHENG	2005/12/26	AWG30 HDMI TO HDMI CABLE ASS'Y			
		2 PLACES	±---	±---	CHECKED BY	DATE				
1 PLACE	±---	±---	JFZHENG	2005/12/26	Molex MOLEX INCORPORATED					
ANGULAR ±---°			APPROVED BY	DATE					MATERIAL NO.	DOCUMENT NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ENTER PART		SD-887689900		1 OF 00			
			SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

E

E

WIRE DIAGRAM:

SHIELD	SHIELD	OVERALL SHIELD	GROUND
PIN 19	PIN 19	PINK	HOT PLUG DETECT
PIN 18	PIN 18	ORANGE	+5V POWER
PIN 17	PIN 17	YELLOW	DDC/CEC GROUND
PIN 16	PIN 16	WHITE	SDA
PIN 15	PIN 15	RED	SCL
PIN 14	PIN 14	VIOLET	RESERVED
PIN 13	PIN 13	GRAY	CEC
PIN 12	PIN 12	WHITE	TMDS CLOCK-
PIN 11	PIN 11	BRAID	TMDS CLOCK SHIELD
PIN 10	PIN 10	WHITE/BLACK	TMDS CLOCK+
PIN 9	PIN 9	WHITE	TMDS DATA 0-
PIN 8	PIN 8	BRAID	TMDS DATA 0 SHIELD
PIN 7	PIN 7	WHITE/BLUE	TMDS DATA 0+
PIN 6	PIN 6	WHITE	TMDS DATA 1-
PIN 5	PIN 5	BRAID	TMDS DATA 1 SHIELD
PIN 4	PIN 4	WHITE/GREEN	TMDS DATA 1+
PIN 3	PIN 3	WHITE	TMDS DATA 2-
PIN 2	PIN 2	BRAID	TMDS DATA 2 SHIELD
PIN 1	PIN 1	WHITE/RED	TMDS DATA 2+
HDMI	HDMI	COLOR	CABLE FUNCTION

NOTE:

- OVEMROLD SPECIFICATION:
 - HDMI INNERMOLD WITH BK PVC 887800019
 - HDMI OVERMOLD WITH PVC 887800150
- MECHANICAL SPECIFICATION:

CABLE SHOULD STAND THE PULL FORCE 89-111N FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.
- PRODUCT ELECTRICAL SPECIFICATION
 - DIELECTRIC STRENGTH.
 - INSULATION RESISTANCE.
 - CONDUCTIVE RESISTANCE.
 - TMDS Signals Time Domain Impedence
 - TMDS Signals Time Domain Crosstalk:FEXT
 - TMDS Signals Skew
 - Attenuation

REFER TO ES-002 ELECTRICAL SPECIFICATION FOR DETAILS.
- CABLE CONSTRUCTION

(AWG#30*1P+D)*4 + AWG#30*1P + AWG#28*5C, 6.0MMOD'
- THIS PRODUCT MUST MEET ROHS COMPLIANCE.

D

D

C

C


B

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A

A

D	HDMI METAL PLATED 47152-6009		2
C	HDMI METAL CAN 47152-4001		2
B	HDMI HOUSING ASSY 47152-1100		2
A	HDMI SINGLE LINK CABLE (SEE TABLE)		1
ITEM	DESCRIPTION	L	QTY.

ENTER DESCRIPTION EC NO: DG2006-0144 TIDRWN: JFZHENG 2005/12/27 CHKD: 2005/12/30 APPR: DQLUO 2006/01/16	DESCRIPTION QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY JFZHENG	DATE 2005/12/26	TITLE AWG30 HDMI TO HDMI CABLE ASS'Y		
		4 PLACES	±---	±---	CHECKED BY JFZHENG	DATE 2005/12/26	 MOLEX INCORPORATED		
		3 PLACES	±---	±---	APPROVED BY DQLUO	DATE 2005/12/26			
2 PLACES	±---	±---	ANGULAR ±---°		MATERIAL NO. ENTER PART	DOCUMENT NO. SD-887689900	SHEET NO. 2 OF 00		
1 PLACE	±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				