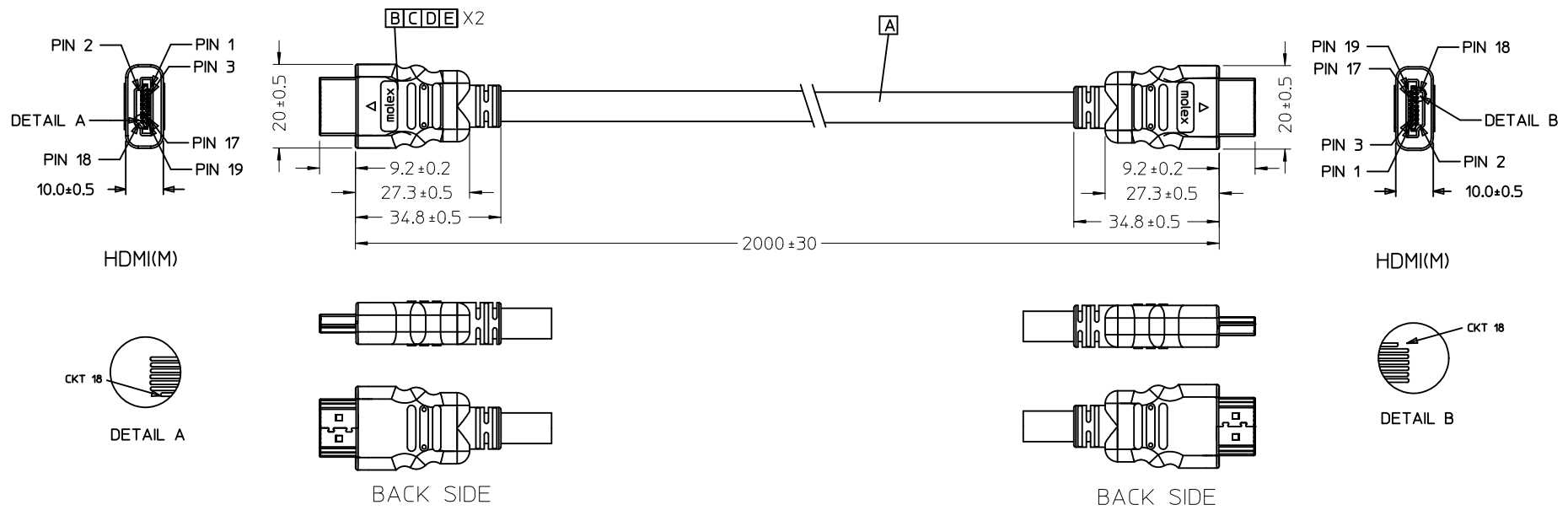




ENTER DESCRIPTION EC NO: DG2011-0440 DRWN:FZHANG01 CHKD:JL1U13 APPR:ZXDENG A		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY FZHANG01	DATE 2011/04/29	TITLE HDMI (M) TO HDMI (M) CABLE ASSY				
				4 PLACES	± ---	± ---	CHECKED BY JFZHENG	DATE 2011/04/29					
				3 PLACES	± ---	± ---	APPROVED BY ZXDENG	DATE 2011/05/11	MOLEX MOLEX INCORPORATED				
				2 PLACES	± 0.25	± ---							
				1 PLACE	± 0.5	± ---							
			ANGULAR ± ---°			MATERIAL NO. 687670019		DOCUMENT NO. SD-68767-0019			SHEET NO. 1 OF 2		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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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

NOTE:

1. OVERMOLD SPECIFICATION:
 - 1.1 HDMI INNERMOLD WITH BK PVC
 - 1.2 HDMI OVERMOLD WITH PVC
 - 1.3 HDMI DUST COVER WITH PE
2. PRODUCT ELECTRICAL SPECIFICATION:
REFER TO HDMI SPECIFICATION FOR DETAILS.
3. THIS PRODUCT MUST MEET ROHS COMPLIANCE.

E	PRE-CUT C.Foil 47X23mm T=25U			2	
D	COPPER FOIL			2	
C	HDMI 19P MALE,30U"Au Solder Type			2	
B	Metal Shell For HDMI 19P Male,Gold flash			2	
A	(4P+1P)X28+5CX28,ALSH,PVC,BK,7.3,UL20276		2000 ref.	1	
ITEM	DESCRIPTION			LENGTH	QTY.
DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
DRAWN BY FZHANG01		DATE 2011/04/29	TITLE HDMI (M) TO HDMI (M) CABLE ASSY		
CHECKED BY JFZHENG		DATE 2011/04/29			
APPROVED BY ZXDENG		DATE 2011/05/11			
MATERIAL NO. 687670019		DOCUMENT NO. SD-68767-0019		SHEET NO. 2 OF 2	
SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

ENTER DESCRIPTION EC NO: DG2011-0440 DRWN:FZHANG01 CHKD:JLJU13 APPR:ZXDENG	DESCRIPTION 2011/05/04 2011/05/04 2011/05/11
A	REV

QUALITY SYMBOLS



GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.5	± ---
ANGULAR ± ---°		

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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:

1. OVEMROLD SPECIFICATION:
1.1 HDMI INNERMOLD WITH BK PVC 887800019.
1.2 HDMI OVERMOLD WITH PVC 887800150.
1.3 HDMI DUST COVER WITH PE 887800008.

2. MECHANICAL SPECIFICATION:
CABLE SHOULD STAND THE PULL FORCE 89-111N FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.

3. PRODUCT ELECTRICAL SPECIFICATION:
3.1 DIELECTRIC STRENGTH.
3.2 INSULATION RESISTANCE.
3.3 CONDUCTIVE RESISTANCE.
3.4 TMDS Signals Time Domain Impedence
3.5 TMDS Signals Time Domain Crosstalk:FEXT
3.6 TMDS Signals Skew
3.7 Attenuation
REFER TO ES-002 ELECTRICAL SPECIFICATION FOR DETAILS.

4.CABLE CONSTRUCTION(CABLES):
(4P+1P+5)*28AWG;SHLD;PVC;BK;7.30MM;HDMI

5. THIS PRODUCT MUST MEET ROHS COMPLIANCE.

D	HDMI METAL PLATE 47152-6009		2
C	HDMI METAL CAN GOLD FLASH 47152-4002		2
B	HDMI HOUSING ASSY' BLACK 47152-1000		2
A	HDMI SINGLE LINK CABLE,OD=7.3mm; 172000455	2000 ref.	1
ITEM	DESCRIPTION	LENGTH	QTY.

Released

EC NO: DG2007-0027

DRWN:JFZHENG 2006/09/02

CHKD:JFZHENG 2006/09/04

APPR:DQLUO 2006/09/04

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QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

XUEHUI

2006/08/26

CHECKED BY

DATE

JF ZHNENG

2006/08/26

APPROVED BY

DATE

DQ LUO

2006/08/26

MATERIAL NO.

686760019

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

HDMI(M) TO HDMI(M)
GOLD 2M CABLE,28#AWG

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.

SD-68767-019

SHEET NO.

2 OF 2

SIZE

A4

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Rev. D 2004/04/02

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