



LABEL DETAIL
TEXT HIGH: 3MM MIN.
TEXT FONT: ARIAL

ENTER DESCRIPTION EC NO: CPG2013-0835 DRWN: FZHANG01 CHKD: JLIU APPR: XAWANG	DESCRIPTION 2012/09/27 2012/09/27 2012/10/05	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			4 PLACES ± --- ± ---	mm INCH	DRAWN BY FZHANG01	DATE 2012/09/27	TITLE DVI-D-DVI-D DUAL LINK 30M AWG24 EUR		
			3 PLACES ± --- ± ---		CHECKED BY XIE HUI	DATE 2012/09/27			
			2 PLACES ± --- ± ---		APPROVED BY XAWANG	DATE 2012/10/05			
			1 PLACE ± --- ± ---				MATERIAL NO. 687650100	DOCUMENT NO. SD-68765-036	SHEET NO. 1 OF 2
		0 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			

3. DVI CONNECTOR SPECIFICATION:
 3.1 REFER TO PRODUCT SPEC. PS74320-001.
 3.2 CONTACT PLATING: AU FLASH.
 4. SHORTCIRCUIT AMONG DRAIN WIRES IS ACCEPTABLE.
 5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.
 6. THIS PRODUCT MUST PASS 100% CONTINUE TEST.
 7. LCD TEST RESOLUTION: 2560*1600 WITH EQUALIZER.

NOTE:

1. OVERMOLD SPECIFICATION
 1.1 DVI OVER MOLD WITH SNOW WHITE PVC RESIN .
 1.2 DVI INNER MOLD WITH PE RESIN.
 1.3 DVI STOPPER MOLD WITH WHITE PE RESIN.
 1.4 FERRITE MOLDED WITH BLACK PVC RESIN.
 2. MECHANICAL SPECIFICATION:
 2.1 CABLE SHOULD STAND THE PULL FORCE 89-111N FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.
 2.2 CABLE SHOULD PASS THE FLEX TEST
 50 CYCLES IN EACH OF 2 PLANES AT THE SPEED OF 12 TO 14 COMPLETE CYCLES (OF 120 TOTAL TRAVERSE) PER MINUTE,
 MANDREL DIAMETER: X=3.7x CABLE DIAMETER.
 (THE OTHER CONDITION REFER TO ANSI/EIA-364-41, CONDITION I)

SHIELD	SHIELD	GROUND	GROUND
PIN 24	PIN 24	WHITE	TMDS CLOCK-
PIN 23	PIN 23	BLACK	TMDS CLOCK+
PIN 22	PIN 22	DRAIN	TMDS CLOCK SHIELD
PIN 21	PIN 21	WHITE	TMDS DATA 5+
PIN 20	PIN 20	GREEN	TMDS DATA 5-
PIN 19	PIN 19	DRAIN	TMDS DATA 0/5 SHIELD
PIN 18	PIN 18	RED	TMDS DATA 0+
PIN 17	PIN 17	WHITE	TMDS DATA 0-
PIN 16	PIN 16	WHITE	HOT PLUG DETECT
PIN 15	PIN 15	ORANGE	GROUND(+5V & HV SYNC)
PIN 14	PIN 14	YELLOW	POWER +5V
PIN 13	PIN 13	BLUE	TMDS DATA 3+
PIN 12	PIN 12	WHITE	TMDS DATA 3-
PIN 11	PIN 11	DRAIN	TMDS DATA 1/3 SHIELD
PIN 10	PIN 10	GRAY	TMDS DATA 1+
PIN 9	PIN 9	WHITE	TMDS DATA 1-
PIN 7	PIN 7	RED	DDC DATA
PIN 6	PIN 6	VIOLET	DDC CLOCK
PIN 5	PIN 5	YELLOW	TMDS DATA 4+
PIN 4	PIN 4	WHITE	TMDS DATA 4-
PIN 3	PIN 3	DRAIN	TMDS DATA 2 /4 SHIELD
PIN 2	PIN 2	ORANGE	TMDS DATA 2+
PIN 1	PIN 1	WHITE	TMDS DATA 2-
DVI_D	DVI_D	COLOR	CABLE FUNCTION

M	DESCRIPTION	L(mm)	QTY.
M	COPPER FOIL	50REF.	2
L	LABEL		1
K	O-RING		2
J	FERRITE CORE		2
I	HST ϕ 2.0mm	A/R	
H	HST ϕ 3.0mm	A/R	
G	HST ϕ 1.5mm	A/R	
F	LOCTITE ACCELERATOR	A/R	
E	ADHESVE	A/R	
D	DVI_D DUAL LINK 24# CABLE OD:12MM	30M REF.	1
C	ACETATE CLOTH	55REF	2
B	DVI THUMB SCREW		4
A	DVI_D DUAL CHANNEL G/F CONNECTOR		2

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							DRAWN BY DATE FZHANG01 2012/09/27		TITLE DVI-D-DVI-D DUAL LINK 30M AWG24 EUR		
							CHECKED BY DATE XIE HUI 2012/09/27				
							APPROVED BY DATE XAWANG 2012/10/05		DOCUMENT NO. SD-68765-036		
				ANGULAR \pm ----		MATERIAL NO. 687650100		SHEET NO. 2 OF 2			
				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					