

7

6

5

4

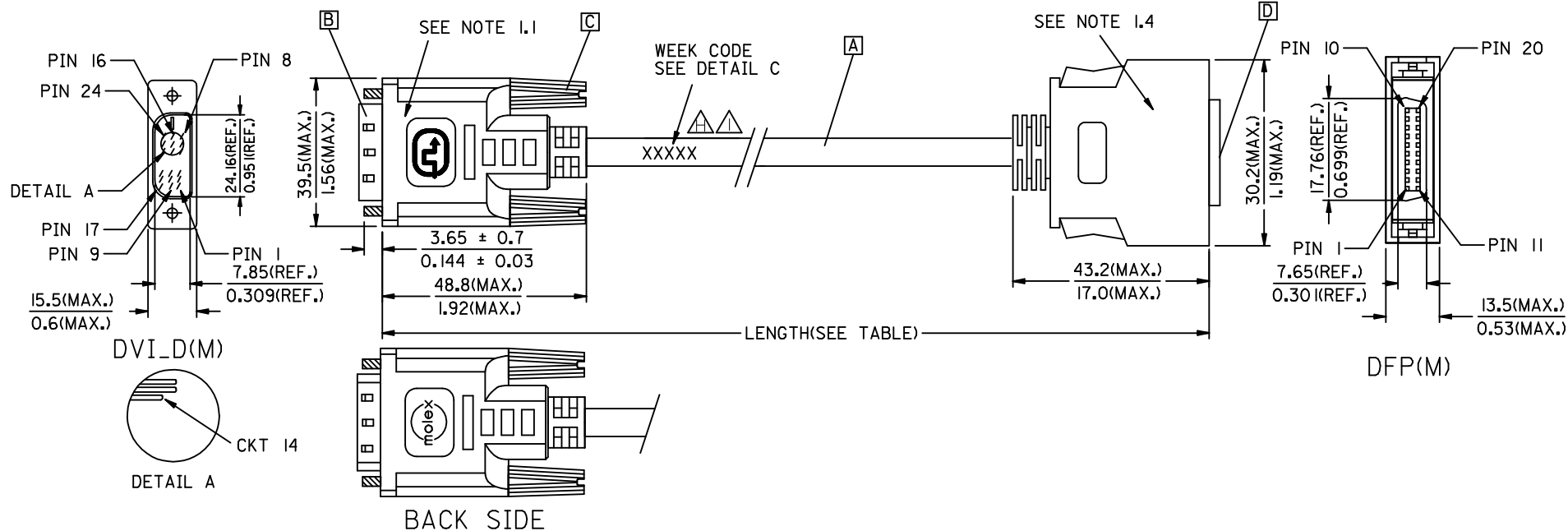
3

2

1

REVISIONS

EC NO	DATE	REV	DESCRIPTION	CHANGER
CY14-5154	2013/08/31	H	CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES	AHOU
CY14-5301	2013/09/12	I	CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES	AHOU



88741-8621	DVI_D-DFP DIGITAL CABLE ASS'Y 5M PARCHMENT WHT	5000 ± 150 196.9 ± 5.9	PARCHMENT WHITE	887808287
88741-8611	DVI_D-DFP DIGITAL CABLE ASS'Y 3M PARCHMENT WHT	3000 ± 80 118.1 ± 3.1	PARCHMENT WHITE	887808287
88741-8601	DVI_D-DFP DIGITAL CABLE ASS'Y 2M PARCHMENT WHT	2000 ± 60 78.7 ± 2.4	PARCHMENT WHITE	887808827
88741-8620	DVI_D-DFP DIGITAL CABLE ASS'Y 5M BLK	5000 ± 150 196.9 ± 5.9	BLACK	887808276
88741-8610	DVI_D-DFP DIGITAL CABLE ASS'Y 3M BLK	3000 ± 80 118.1 ± 3.1	BLACK	887808276
88741-8600	DVI_D-DFP DIGITAL CABLE ASS'Y 2M BLK	2000 ± 60 78.7 ± 2.4	BLACK	887808276
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N

DETAIL C

ENTER DESCRIPTION EC NO: CPG2014-0806 DRWN:XJGU001 CH'KD:AHOU APPR:XAWANG		2013/09/16 2013/09/16 2013/09/12	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				$\nabla_A=0$		mm	INCH	DRAWN BY	DATE	TITLE DVI_D-DFP DIGITAL CBL			
				$\nabla_C=0$	4 PLACES	± ---	± ---	XJGU001	2013/09/07				
				$\nabla_P=0$	3 PLACES	± ---	± ---	CHECKED BY	DATE				
REV					2 PLACES	± ---	± ---	ZXDENG	2013/09/07	molex			
				1 PLACE	± ---	± ---	APPROVED BY	DATE					
				0 PLACE	± ---	± ---	XAWANG	2013/09/12	SD-88741-007				
				ANGULAR ± ---°			MATERIAL NO.						DOCUMENT NO.
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		1 OF 2					
					SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

6

5

4

3

2

1

7

6

5

4

3

2

1

NOTE: 1. OVERMOLD SPECIFICATION

1.1 DVI BOOT MOLDED WITH SONW WHITE PVC RESIN P/N IS 887800076.

1.2 UL94V-0, COLOR: MAD432

1.3 HARDNESS (DUROMETER): SHORE A 90-95

1.4 DFP BOOT MOLDED WITH UL94V-0 ABS.

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 IN 100 CYCLES AT EACH
OF PLANES, PER EIA 364-41, CONDITION I.

3. CABLE ELECTRICAL SPECIFICATION

3.1 DIELECTRIC STRENGTH: 300VDC FOR 10mS.

3.2 INSULATION RESISTANCE: 20 MEGA Ohms

3.3 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100 ± 7 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

4.1 REFER TO PRODUCT SPEC. PS-74320-001.

4.2 CONTACT PLATING: AU FLASH.

5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

6. CONNECTION DIAGRAM

SHIELD	SHIELD	GROUND
PIN 24	PIN 6	TMDS CLOCK-
PIN 23	PIN 5	TMDS CLOCK+
PIN 22	PIN 4	TMDS CLOCK SHIELD
PIN 19	PIN 14	TMDS DATA 0 SHIELD
PIN 18	PIN 15	TMDS DATA 0+
PIN 17	PIN 16	TMDS DATA 0-
PIN 16	PIN 18	HOT PLUG DETECT
PIN 15	PIN 7	GROUND(+5V & HV SYNC.)
PIN 14	PIN 8	POWER +5V
PIN 11	PIN 3	TMDS DATA 1 SHIELD
PIN 10	PIN 1	TMDS DATA 1+
PIN 9	PIN 2	TMDS DATA 1-
PIN 7	PIN 19	DDC DATA
PIN 6	PIN 20	DDC CLOCK
PIN 3	PIN 13	TMDS DATA 2 SHIELD
PIN 2	PIN 11	TMDS DATA 2+
PIN 1	PIN 12	TMDS DATA 2-
DVI_D	DFP	CABLE FUNCTION

7. MATERIAL LIST

D	MDR 20 CONNECTOR(ACON) 887899280
C	DVI THUMB SCREW 887806077
B	DVI_D SINGLE CHANNEL G/F CONNECTOR 743230101
A	DVI DIGITAL SINGLE LINK CABLE(SEE TABLE)
ITEM	DESCRIPTION

ENTER DESCRIPTION EC NO: CPG2014-0806 DRWN:XJGU001 CHKD:AHOU APPR:XAWANG				DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE — —	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					F _A =0	4 PLACES	± ---	± ---	DRAWN BY XJGU001	DATE 2013/09/07	TITLE DVI_D-DFP DIGITAL CBL				
					F _C =0	3 PLACES	± ---	± ---	CHECKED BY ZXDENG	DATE 2013/09/07					
					F _D =0	2 PLACES	± ---	± ---	APPROVED BY XAWANG	DATE 2013/09/12					
						1 PLACE	± ---	± ---				molex			
						0 PLACE	± ---	± ---							
						ANGULAR ±---°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-88741-007		2 OF 2		
REV						SIZE A 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

6

5

4

3

2

1

7 6 5 4 3 2 1

E

E

NOTE:1. OVERMOLD SPECIFICATION

- 1.1 DVI BOOT MOLDED WITH SONW WHITE PVC RESIN P/N IS 887800076.
- 1.2 UL94V-0, COLOR: MAD432
- 1.3 HARDNESS (DUROMETER): SHORE A 90-95
- 1.4 DFP BOOT MOLDED WITH UL94V-0 ABS.

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 IN 100 CYCLES AT EACH OF PLANES, PER EIA 364-41, CONDITION 1.

3. CABLE ELECTRICAL SPECIFICATION

- 3.1 DIELECTRIC STRENGTH: 300VDC FOR 10mS.
- 3.2 INSULATION RESISTANCE: 20 MEGA Ohms
- 3.3 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100 ± 7 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

- 4.1 REFER TO PRODUCT SPEC. PS-74320-001.
- 4.2 CONTACT PLATING: AU FLASH.

5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

6 . CONNECTION DIAGRAM

SHIELD	SHIEDL	GROUND
PIN 24	PIN 6	TMDS CLOCK-
PIN 23	PIN 5	TMDS CLOCK+
PIN 22	PIN 4	TMDS CLOCK SHIELD
PIN 19	PIN 14	TMDS DATA 0 SHIELD
PIN 18	PIN 15	TMDS DATA 0+
PIN 17	PIN 16	TMDS DATA 0-
PIN 16	PIN 18	HOT PLUG DETECT
PIN 15	PIN 7	GROUND(+5V & HV SYNC.)
PIN 14	PIN 8	POWER +5V
PIN 11	PIN 3	TMDS DATA 1 SHIELD
PIN 10	PIN 1	TMDS DATA 1+
PIN 9	PIN 2	TMDS DATA 1-
PIN 7	PIN 19	DDC DATA
PIN 6	PIN 20	DDC CLOCK
PIN 3	PIN 13	TMDS DATA 2 SHIELD
PIN 2	PIN 11	TMDS DATA 2+
PIN 1	PIN 12	TMDS DATA 2-
DVI.D	DFP	CABLE FUNCTION

7 . MATERIAL LIST

D	MDR 20 CONNECTOR(ACON) 887899280
C	DVI THUMB SCREW 887806077
B	DVI.D SINGLE CHANNEL G/F CONNECTOR 743230101
A	DVI DIGITAL SINGLE LINK CABLE(SEE TABLE)
ITEM	DESCRIPTION

D

D

C

C

B

B

A

A

ENTER DESCRIPTION EC NO: DG2006-0186 DRWN:PDAI CHKD: APPR:TKAN G		2006/03/09 2006/03/09 2006/03/10	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				 =0  =0		mm	INCH	DRAWN BY	DATE	TITLE DVI_D-DFP DIGITAL CBL					
					4 PLACES	± ---	± ---	PDAI	2006/03/07						
					3 PLACES	± ---	± ---	CHECKED BY	DATE						
					2 PLACES	± ---	± ---	ZXDENG	2006/03/07						
					1 PLACE	± ---	± ---	APPROVED BY	DATE	molex MOLEX INCORPORATED					
ANGULAR ± ---°		BORON	2006/03/07												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					MATERIAL NO.		DOCUMENT NO.				SHEET NO.				
					SEE TABLE		SD-88741-007				2 OF 2				
					SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

6

5

4

3

2

1