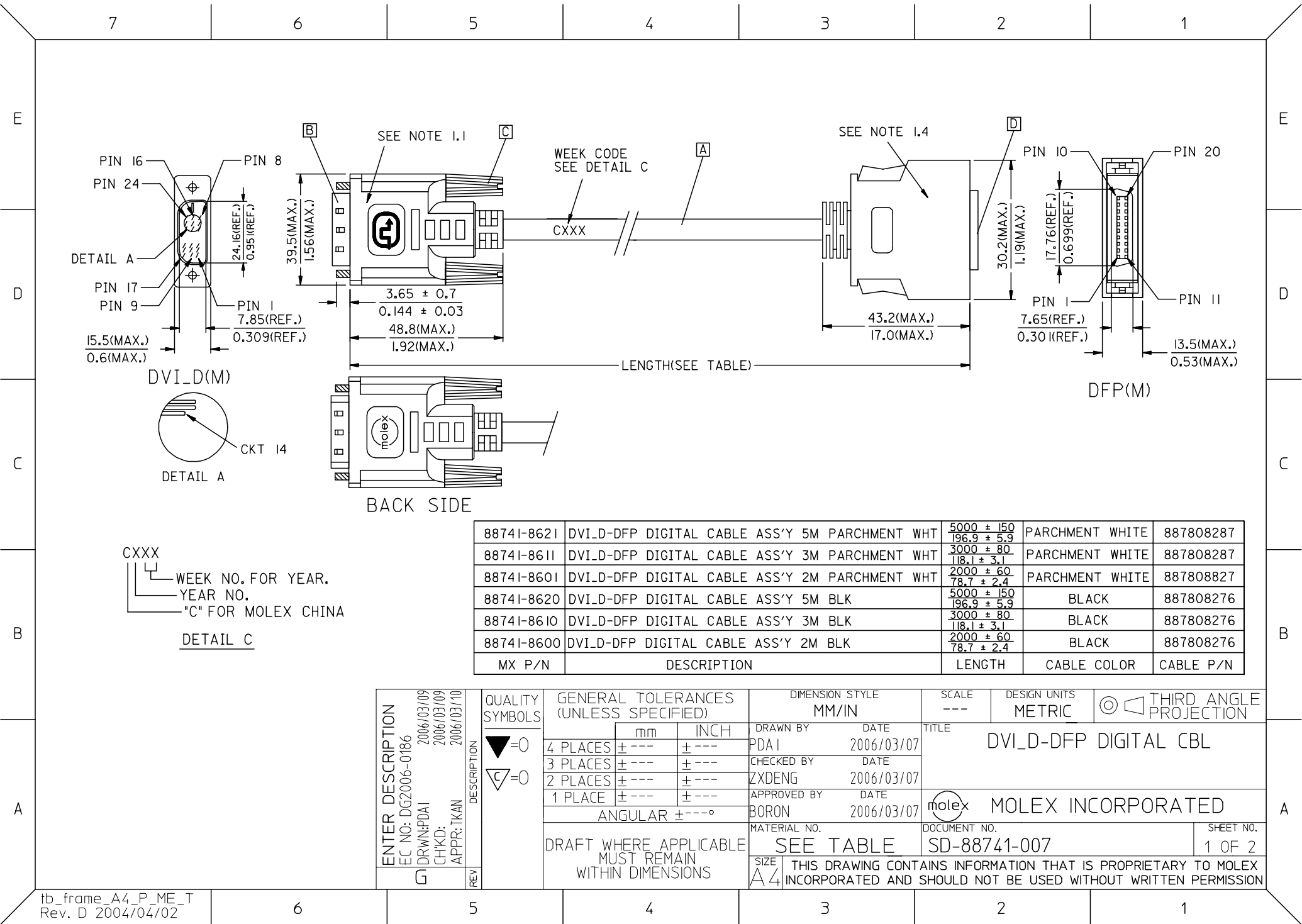




7 6 5 4 3 2 1

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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		2006/03/09 2006/03/09 2006/03/10	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
						mm	INCH	DRAWN BY PDAI	DATE 2006/03/07	TITLE DVI_D-DFP DIGITAL CBL					
					4 PLACES	± ---	± ---	CHECKED BY ZXDENG	DATE 2006/03/07						
					3 PLACES	± ---	± ---	APPROVED BY BORON	DATE 2006/03/07						
					2 PLACES	± ---	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-88741-007		SHEET NO. 2 OF 2			
				1 PLACE		± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
				ANGULAR		± ---°									

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