

8

7

6

5

4

3

2

1

D

D

C

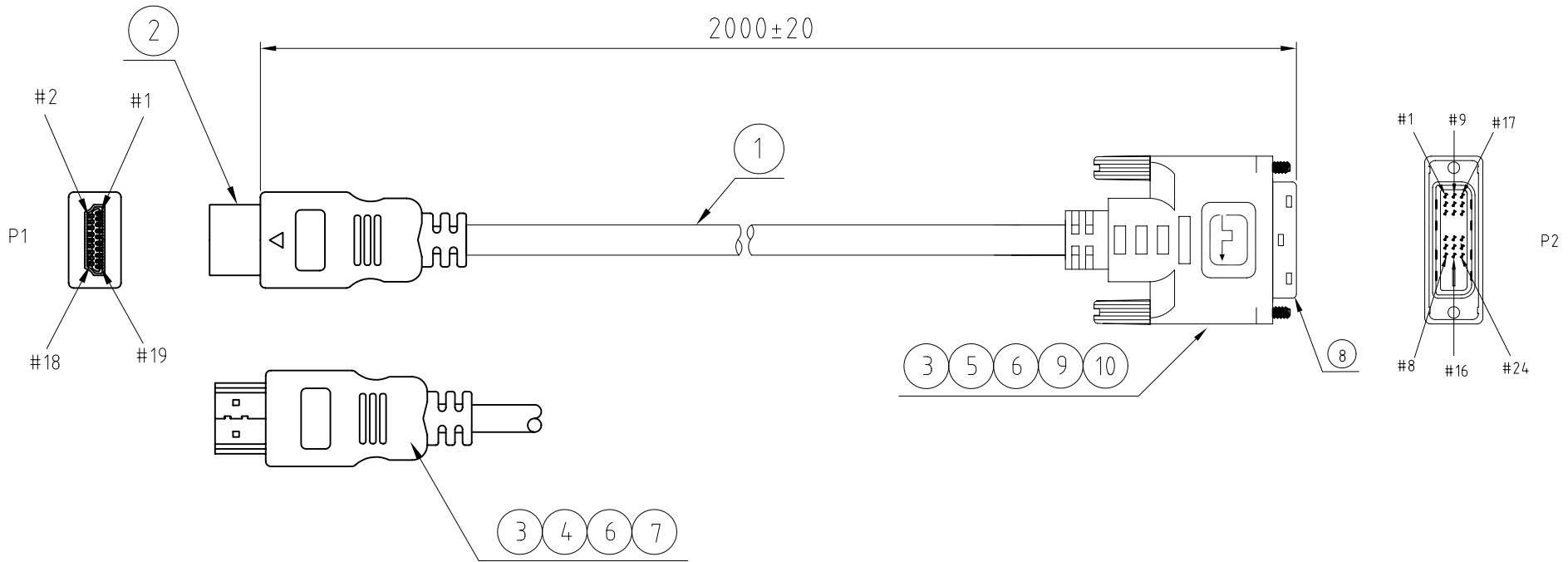
C

B

B

A

A



TOLERANCES UNLESS OTHERWISE SPECIFIED
 0 PLC +-
 1 PLC +-
 2 PLC +-
 3 PLC +-
 4 PLC +-
 ANGLES

THIS DRAWING IS A CONTROLLED DOCUMENT.		TPI		
UNITS: MM		PART NO.: CT001149	TITLE: HDMI X DVI Cable	
		DRAWING NO.: CT001149		
		SCALE: NONE	SHEET: 1 OF 2	REV: A0

Note:

- 1.HDMI OVER MOLD WITH BLACK PVC RESIN: UL94V-0
- 2.ELECTRICAL PERFORMANCE:
 - 2.1 DIELECTRIC STRENGTH: 300V AC FOR 10MS.
 - 2.2 INSULATION RESISTANCE: 10MEGA Ohms MIN.
 - 2.3 DIFFERENTIAL IMPEDANCE:100 +/- 10 Ohms - TDR
 - 2.4 CONTACT RESISTANCE: 2 Ohms MAX.
 - 2.5 CROSS-TALK (FEXT): 5% MAX.
 - 2.6 INTRA-PAIR SKEW: < 150 PS.
- 3.MECHANICAL PERFORMANCE:
 - 3.1 CABLE PULL FORCE: 89-110 N @ 30 SECONDS.
 - 3.2 FLEX TEST: 100 CYCLES.

PIN ASSIGNMENT:

P 1	P 2		
PIN 1	PIN 2	TMDS DATA 2+	
PIN 3	PIN 1	TMDS DATA 2-	
PIN 2	PIN 3	TMDS DATA 2 SHIELD	
PIN 4	PIN 10	TMDS DATA 1+	
PIN 6	PIN 9	TMDS DATA 1-	
PIN 5	PIN 11	TMDS DATA 1 SHIELD	
PIN 7	PIN 18	TMDS DATA 0+	
PIN 9	PIN 17	TMDS DATA 0-	
PIN 8	PIN 19	TMDS DATA 0 SHIELD	
PIN 10	PIN 23	TMDS CLOCK +	
PIN 12	PIN 24	TMDS CLOCK -	
PIN 11	PIN 22	TMDS CLOCK SHIELD	
PIN 15	PIN 6	SCL	
PIN 16	PIN 7	SDA	
PIN 17	PIN 15	DDC/CEC GROUND	
PIN 18	PIN 14	+ 5V GROUND	
PIN 19	PIN 16	HOT PLUG DETECT	
SHELL	SHELL	BRAID	

NO	DESCRIPTION	Q'TY	UNIT
10	OVER MOLD-PVC-BK-45P	A/R	G
9	Thumb Screw #4-40UNC ,Molding-BK	2	PCS
8	DVI-D Connector Male Solder Type, Front Shell G/F	1	PCS
7	OVER MOLD-PVC-BK-45P	A/R	G
6	TUBE-HT-φ1.0×22mm ,φ1.0×15mm ,φ2.0×5mmφ1.5×6mm ,φ2.0×8mm	29	PCS
5	Copper Foil 30×70mm	1	PCS
4	Copper Foil 15×50mm	1	PCS
3	INNER MOLD-PE	A/R	G
2	HDMI A type Connector, Front Shell G/F	1	PCS
1	(1PX28#+D+Free+edg+AL)X4C+1P×28#+5C×28#+AL+B / UL20276, HDMI CABLE, BLACK	1	PCS

TOLERANCES UNLESS OTHERWISE SPECIFIED
 0 PLC ++
 1 PLC ++
 2 PLC ++
 3 PLC ++
 4 PLC ++
 ANGLES

THIS DRAWING IS A CONTROLLED DOCUMENT.		TPI	
UNITS: MM		PART NO. : CT001149	TITLE : HDMI X DVI Cable
		DRAWING NO.: CT001149	
			SCALE NONE
			SHEET 2 OF 2
			REV A0