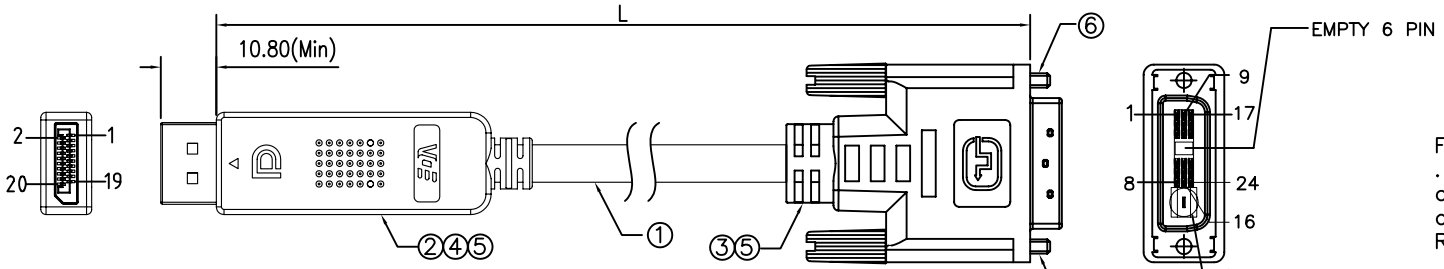
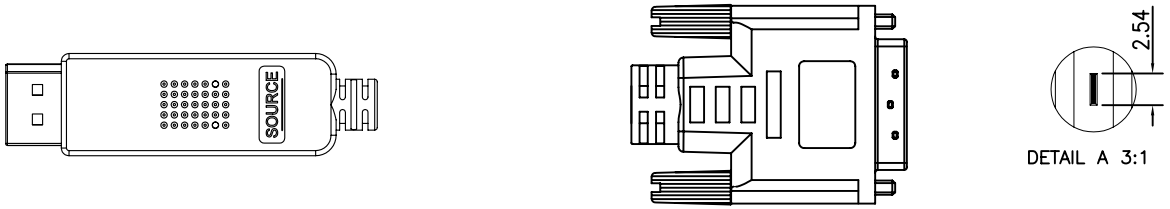
RoHS Compliant

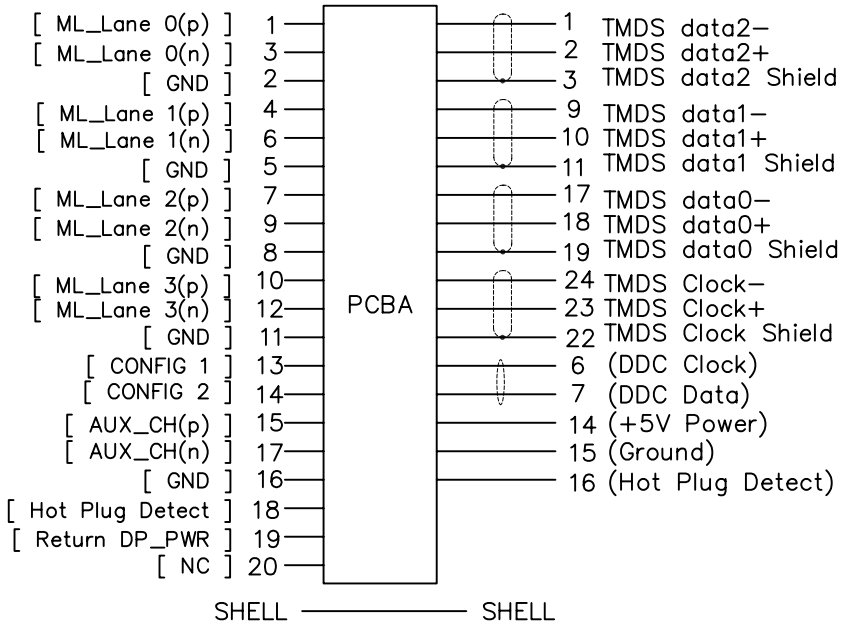
REV	ZONE	LTR	DESCRIPTION	DATE	REVISER	APPD





Features:
. Converts low-swing AC coupled differential input to HDMI rev 1.3 compliant open-drain current steering Rx terminated differential output.
. Compliant to VESA Interop Guidlines.
. HDMI level shifting operation up to 2.5Gbps per lane(250MHz pixel clock).
. Integrated 50-ohm termination resistors for AC-coupled differential inputs.
. Enable/Disable feature to turn off TMDS outputs to enter low power state.
. I^2C buffer for ATC DDC Cap test support.
. Transparent operation:no re-timing or configuration required.
. Level shifter for HPD single from HDMI connector.
. Integrated pull-down on HPD_sink input guarantees" input low"when no display is plugged in.

PIN ASSIGNMENT:



Electrical character:
a. 100% Function Testing.

NO.	PART NAME	SPEC DESCRIPTION	REMAKE
6	SCREW	THUMBSCREW #4-40UNC BLACK ABS NI-PLATED (OPTIONAL)	
5	PVC	70PA BLACK (OPTIONAL)	
4	PCBA	Displayport to DVI PCBA FR-4 T/1.6mm	
3	CONNECTOR 2	DVI(18+1) MALE CONTACT:PLATE GOLD (OPTIONAL) SHELL: PLATE GOLD (OPTIONAL)	
2	CONNECTOR 1	DISPLAYPORT PLUG CONTACT:PLATE GOLD (OPTIONAL) SHELL: PLATE GOLD (OPTIONAL)	
1	CABLE	UL20276 (28AWG*1PR+AL+D+MYLAR)*4+28AWG*1P +28AWG*3C+AL/MYLAR+BRAID OD:6.5 PVC JACKET BLACK IMPEDANCE:100 Ohm	

INNERMOLD

TOLERANCE UNSPECIFIED
ANGLE ±

FREEPORT

SCALE NON
UNIT mm

OVERMOLD

DRAWN: MIKEY
DESIGNER:
CHECKED: 2008.06.06 17:45:37 +08'00'
APPROVED:

NAME Displayport to DVI Cable
SHEET 1/1

DRAWING NO. 18-94202***
REV 1.0