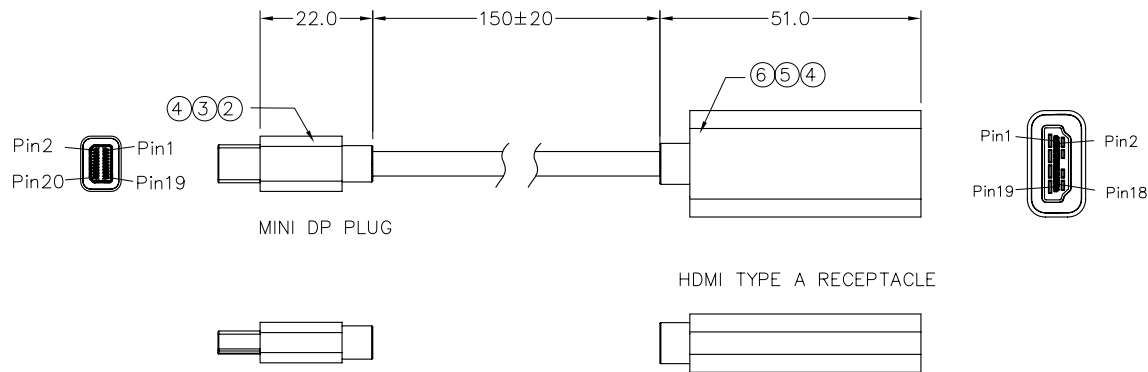


RoHS Compliant

1	2	3	4	5	6	7	8
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 Guidelines.
- 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 C 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.
- Supports 1080p 60Hz at distance up to 3meters (length for use).

Preliminary

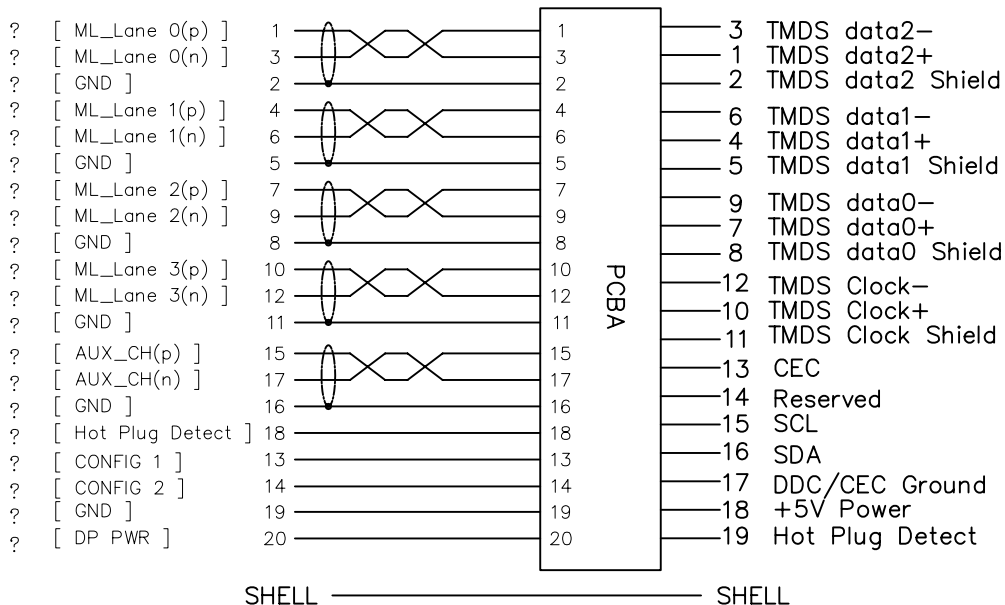
PIN ASSIGNMENT:

Electrical character:

a. Function Test: by PC and monitor 1080P 60Hz test pass.

MINI DP PLUG (SOURCE)

HDMI TYPE A RECEPTACLE (SINK)



6	OUTER COVER	HDMI TYPE A RECEPTACLE CONNECTOR ABS OUTER COVER	
5	CONNECTOR 2	HDMI A Female Shell Nickel Plated W/PCBA	
4	SR	PVC	
3	OUTER COVER	MINI DP CONNECTOR ABS OUTER COVER	
2	CONNECTOR 1	MINI DP CONNECTOR PLUG Shell Nickel Plated	
1	CABLE	UL20276 DISPLAYPORT CABLE IMPEDANCE:100 Ohm	

NO.	PART NAME	SPEC DESCRIPTION	REMAKE
INNERMOLD		TOLERANCE UNSPECIFIED ± ± 0.1 ± 0.38 ANGLE ±	BossConn Electronics SCALE NON UNIT mm
OVERMOLD		DRAWN: DESIGNER: Andy10/04/03 CHECKED: APPROVED:	
DRAWING NO. MDP to HDMI			REV 1.0