

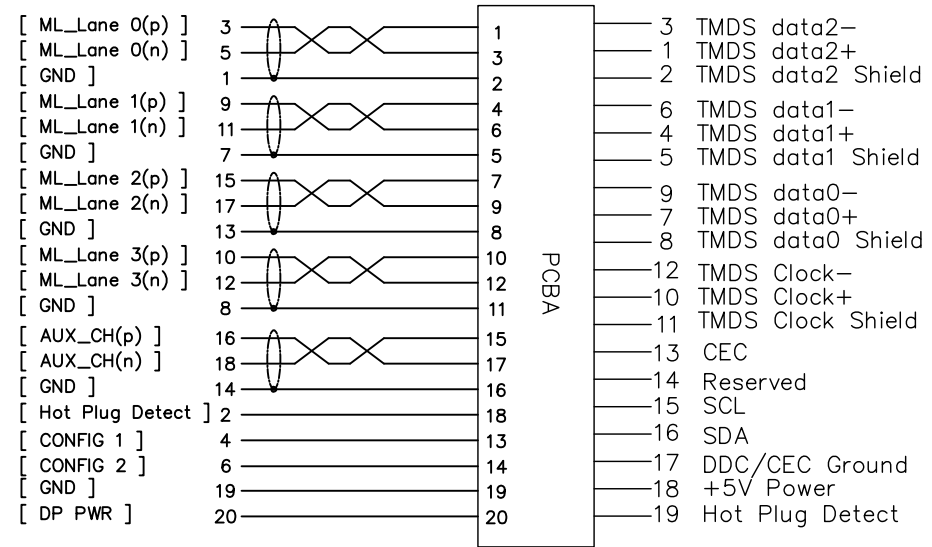
- Features:
- Converts low-swing AC coupled differential input to HDMI rev 1.3 compliant open-drain current steering Rx terminated differential output.
 - Compliant to VESA Interop Guidelines.
 - HDMI level shifting operation up to 2.5Gbps per lane(250MHz pixel clock).
 - Integrated 50-ohm termination 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:

MINI DP PLUG (SOURCE)

HDMI TYPE A MALE (SINK)



Electrical character:

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

5	CONNECTOR 2	HDMI A Male Shell Gold Plated W/PCBA	
4	Overmolding/SR	PVC , White	
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

HDMIMDSP-1920-M6F-LF
LEADFREE

RoHS Compliant



PART NO.HDMIMDSP-1920-M6F		CHECKED BY CY		TOLERANCES ARE		DESCRIPTION: Mini DP to HDMI A Ttype PLUG cable					
DWG NO. HDMIMDSP-1920-M6F		DRAWING BY		.X ± 0.2 .XX ± .XXX ± AWG							
FILE NO.		PROJECTION		AREA		REVISIONS		HK		DATE	
UNIT / mm		SCALE 1:1									

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