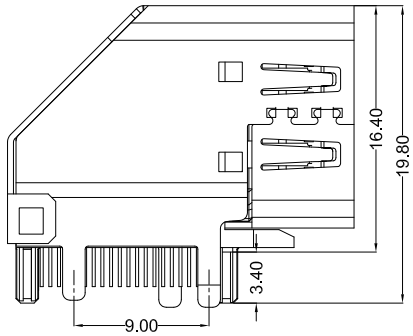
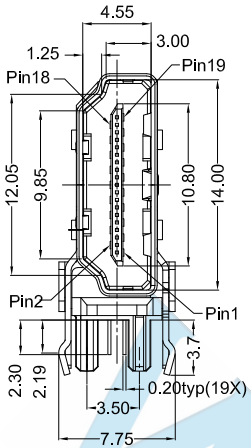
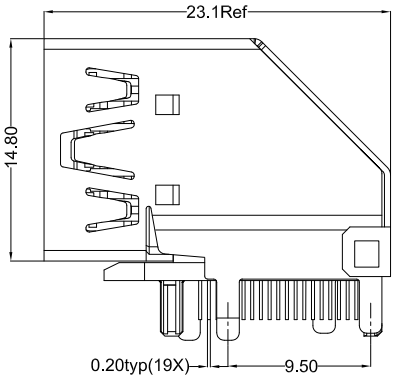
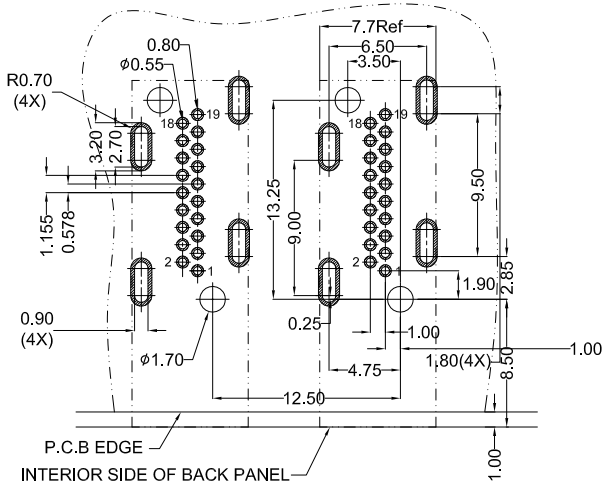


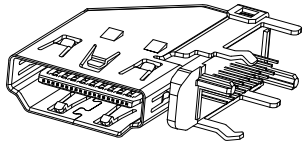


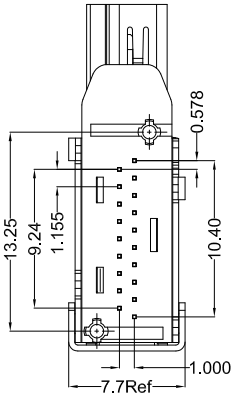


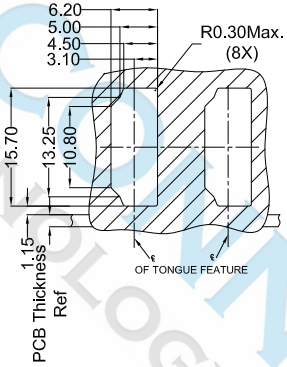


PCB LAYOUT(T=1.60mm)
COMPONENT SIDE

No.	Signal Name	No.	Signal Name
1	TMDS Data2+	11	TMDS Clock Shield
2	TMDS Data2 Shield	12	TMDS Clock-
3	TMDS Data2-	13	CEC
4	TMDS Data1+	14	Reserved (in cable but N.C. on device)
5	TMDS Data1 Shield	15	SCL
6	TMDS Data1-	16	SDA
7	TMDS Data0+	17	DDC/CEC Ground
8	TMDS Data0 Shield	18	+5V Power
9	TMDS Data0-	19	Hot Plug Detect
10	TMDS Clock+		







RECOMMENDED PANEL CUTOUT
SCALE 1:2

NOTES:

*Material

Housing: PBT, UL 94V-0 Rated;
Color: Black.
Spacer: Nylon46, UL 94V-0 Rated;
Color: Black.
Shell: SUS
Plating: Ni(40u" Min.) Plating .
Contact: Brass.
Plating: Au plating on contact area;
Sn(100u" Min.) plating on solder tail;
Ni(40u" Min.) underplating overall.

*Electrical Specification

Operation Voltage: 40 VAC Max.
Current Rating: 0.5 Ampere per contact
Contact Resistance: 10 mΩ Max.
Insulation Resistance: 100 MΩ Min.
Dielectric Withstanding Voltage: 500 VAC

*Environmental

Operating Temperature: -55°C to +85°C

WISCONN TECHNOLOGY

DIMENSIONS TOLERANCE METRIC													
Up to 5 ±0.2 Above 5~15 ±0.3 Above 15~30 ±0.4 Above 30~50 ±0.5 Angle ±0.3°	UNITS	MM	FINISH	SEE NOTE	CH'K	Calvin	DRAW NAME	HDMI A TYPE DIP 側立式		WISCONN Technology Co.,Ltd			
	QT'Y	N/A	DRAW	Johnson	APP'D	Selena	PART NUMBER	WHDMF-19-xxU1		Tel:+886-2-2790-1979 Fax:+886-2-2790-1569			
	MT'L	SEE NOTE	DE'N	Mike	DATE	May.09.2019	DRAW NUMBER	T007	SCALE 1/1 SIZE A4 SHEET 1 REV. A				
							FILE NAME .DWG						