

HDMI 19 Pin Vertical Type

General specifications

Insulator material	PBT, UL94V-0, color: black
Spacer material	Nylon-46, UL94V-0
Contact material	Brass, plating: gold over nickel
Shell material	SUS
Current rating	0.5 A
Contact resistance	10 mΩ max.
Insulator resistance	100 MΩ min.
Dielectrical withstanding	500 VAC for 1 min
Operating temperature	-55 °C to +85 °C
Soldering	Lead free wave soldering process

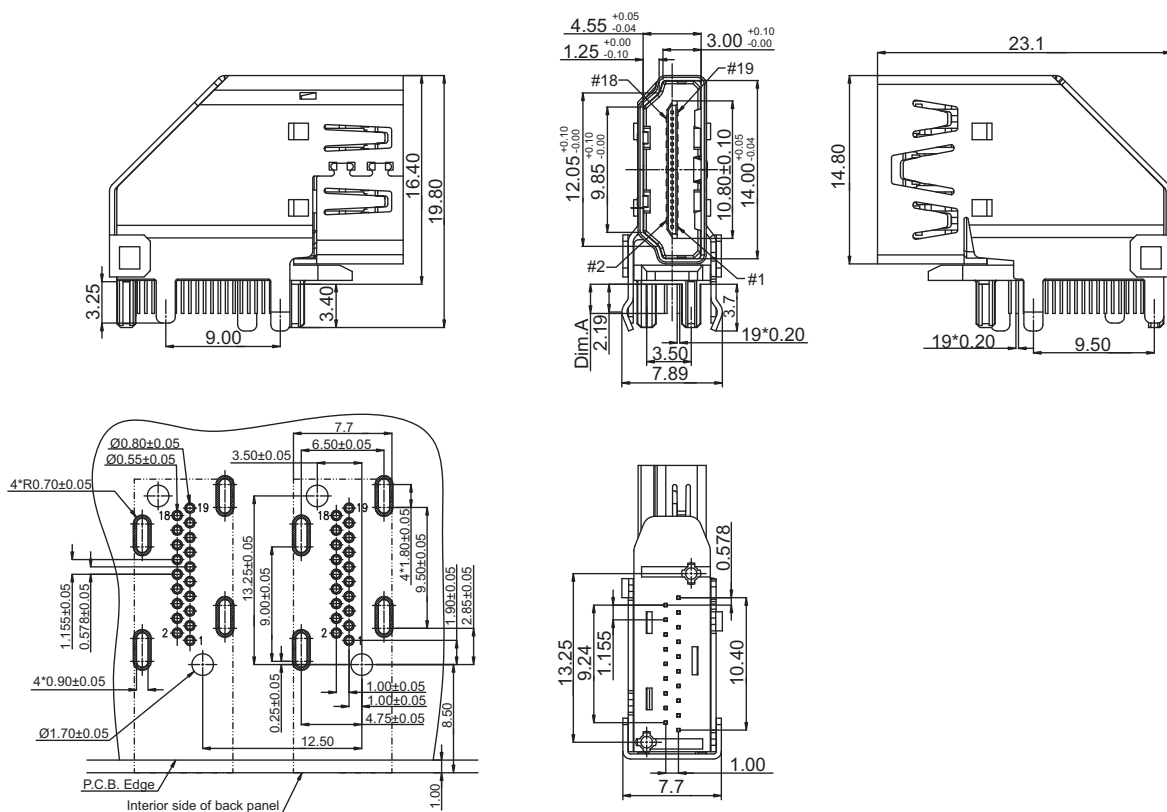
Mating parts series



 RoHS
compliant

Mechanical dimensions

Unit: mm



Recommended P.C.B. Layout
Component Side, T=1.60mm

Tolerances		
Linear	.X	± 0.38
	.XX	± 0.25
	.XXX	± 0.20

Index	Dim. A
0	2.30
1	1.80

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
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+		

Part numbering guide

3626 R	F	0	Y
Series R = THT right angle	Contact plating F = 15 μ " gold	Dimensions index see table	Packing Y = Tray

* standard

