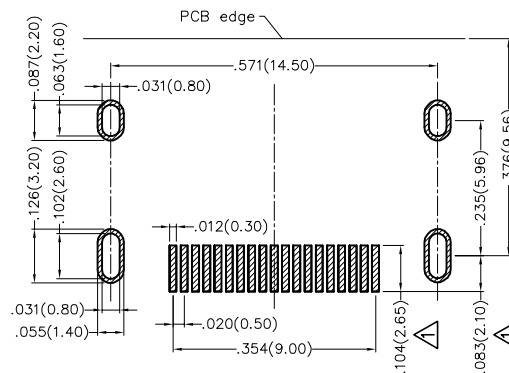
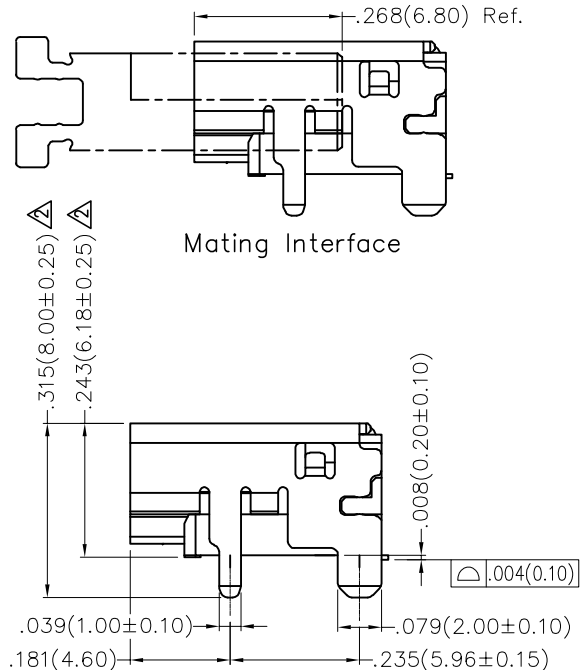
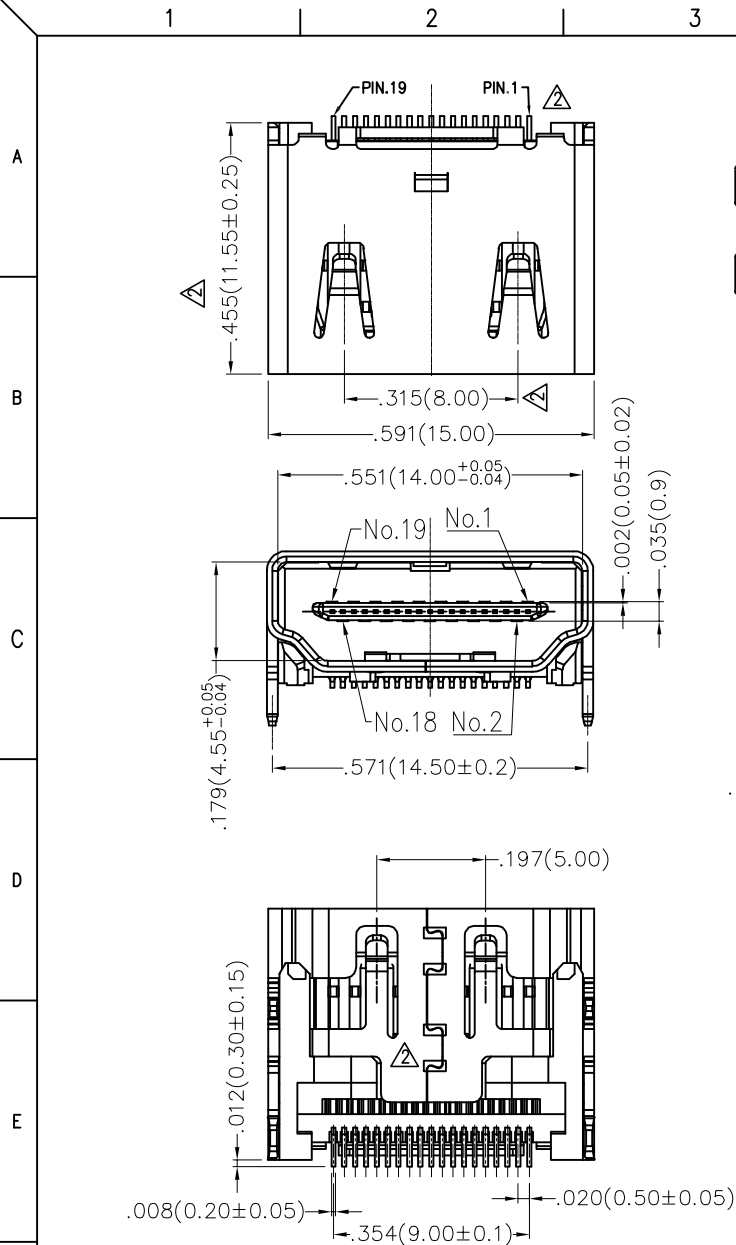




Recommended P.C.Board Layout
General tolerances: $\pm .002(0.05)$

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Dimensions change	03/JAN/20	KATE	CHERRY
2		1: Structure and size changes 2: Add packing drawing	12/JUL/22	MATT	CHERRY

SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 40V AC(rms)/DC
Contact Resistance: 10 mΩ Max
Insulation Resistance: 100 MΩ Min
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Mechanical

Insertion Force: 4.5kgf Max.
Withdrawal Force: 1.0~4.0kgf

Material and Finish

Housing: LCP (UL 94V-0) Black
Contact: Brass/ Gold on contact area, matte tin on tail
Shell: Brass/ Nickel plated

Circuits	Signal assignment	Circuits	Signal assignment
1	TMDS Data2+	2	TMDS Data2 Shield
3	TMDS Data2-	4	TMDS Data1+
5	TMDS Data1 Shield	6	TMDS Data1-
7	TMDS Data0+	8	TMDS Data0 Shield
9	TMDS Data0-	10	TMDS Clock+
11	TMDS Clock Shield	12	TMDS Clock-
13	CEC	14	Reserved (N.C. on device)
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 09/OCT/16	PART NO. FHD22-FSB300K6M	ITEM NO. FHD22	 Leader Of Industry		
		X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 09/OCT/16	TITLE HDMI A/F 90° SMT				
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2°	DRAWN BY KATE	DATE 09/OCT/16	REV 2		SHEET NO. 1/2		
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1°		09/OCT/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		X.XXX±.004(0.10)	.XXX'±0.5°							

