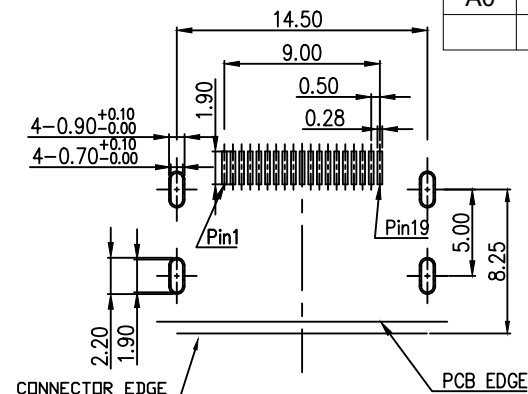
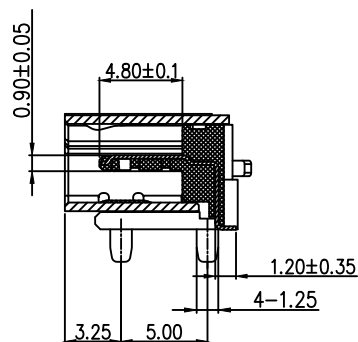
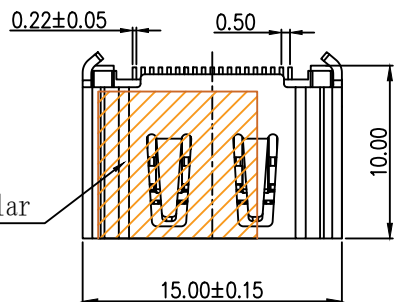




REV:	ECN. NO.	NAME	DATE
A0	-----	-----	06-22-2026



RECOMMENDED PCB LAYOUT (TOP VIEW)

TOLERANCE: $\pm 0.05\text{mm}$

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS

- 1-1. CURRENT RATING: 0.5 AMP
- 1-2. VOLTAGE RATING: 40 V
- 1-3. CONTACT RESISTANCE: 30MILLIOHMS MAX
- 1-4. INSULATION RESISTANCE: 100M MIN. @500V DC
- 1-5. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE

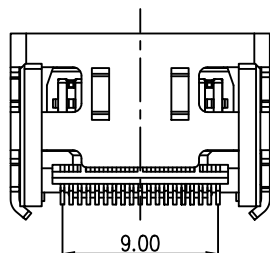
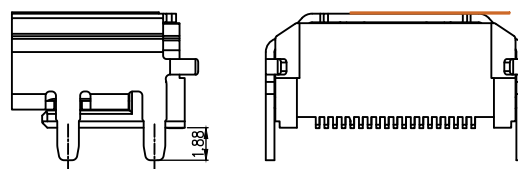
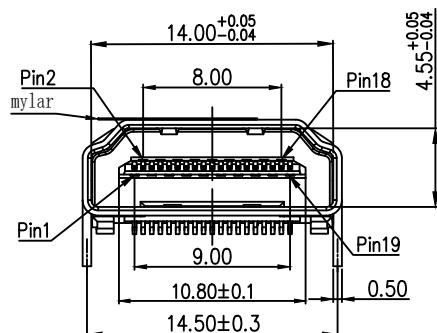
2. MECHANICAL CHARACTERISTICS:

- 2-1. INSERTION FORCE : 4.5KGF MAX.
- 2-2. WITHDRAWING FORCE : 1KGF ~ 4KGF.

3. LIFE TEST: 10000 CYCLES

4. OPERATING TEMPERATURE: -25°C TO $+85^{\circ}\text{C}$

D	MYLAR	1	PI FILM BROWN
C	SHELL	1	C2680R-H Ni 50u" T=0.5mm PLATING ALL OVER
B	TERMINAL	19	C2680R-H SEE PART NO.
A	HOUSING	1	LCP E130i UL94V-0 BLACK
NO	PART NAME	QTY	MATERIAL PLATING & COLOR



PIN	SIGNAL ASSIGNMENT	PIN	SIGNAL ASSIGNMENT
1	TMDS Data2+	11	TMDS Clock Shield
2	TMDS Data2+ Shield	12	TMDS Clock-
3	TMDS Data2-	13	CEC
4	TMDS Data+	14	Reserved(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+		

TOLERANCE			
X	±0.50	X°	±2°
X.X	±0.30	X°	±1°
X.XX	±0.10		
X.XXX	±0.05		



FOR YOUR
VITAL CONNECTION

TITLE: HDMI 19PIN反向板上四脚插板SMT母座 长L=10.0MM

DRAWN BY:	Zou Long	PART NO:	VTC-A016-HM-002	SHEET:	1 OF 1	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00186	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

For technical support, please send an email to support@vitalconn.com