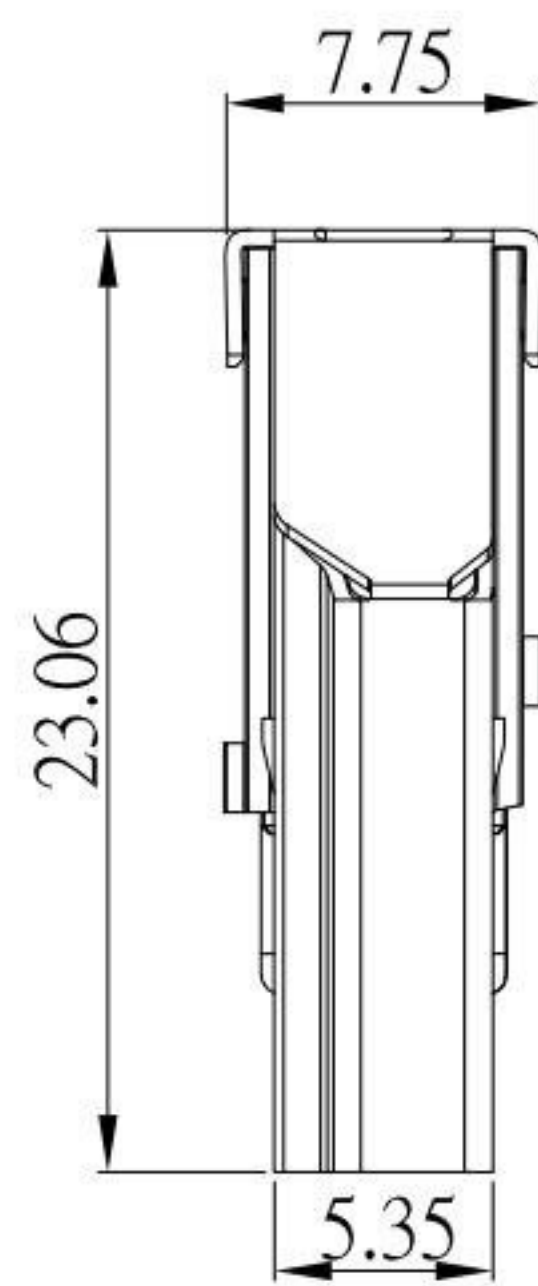
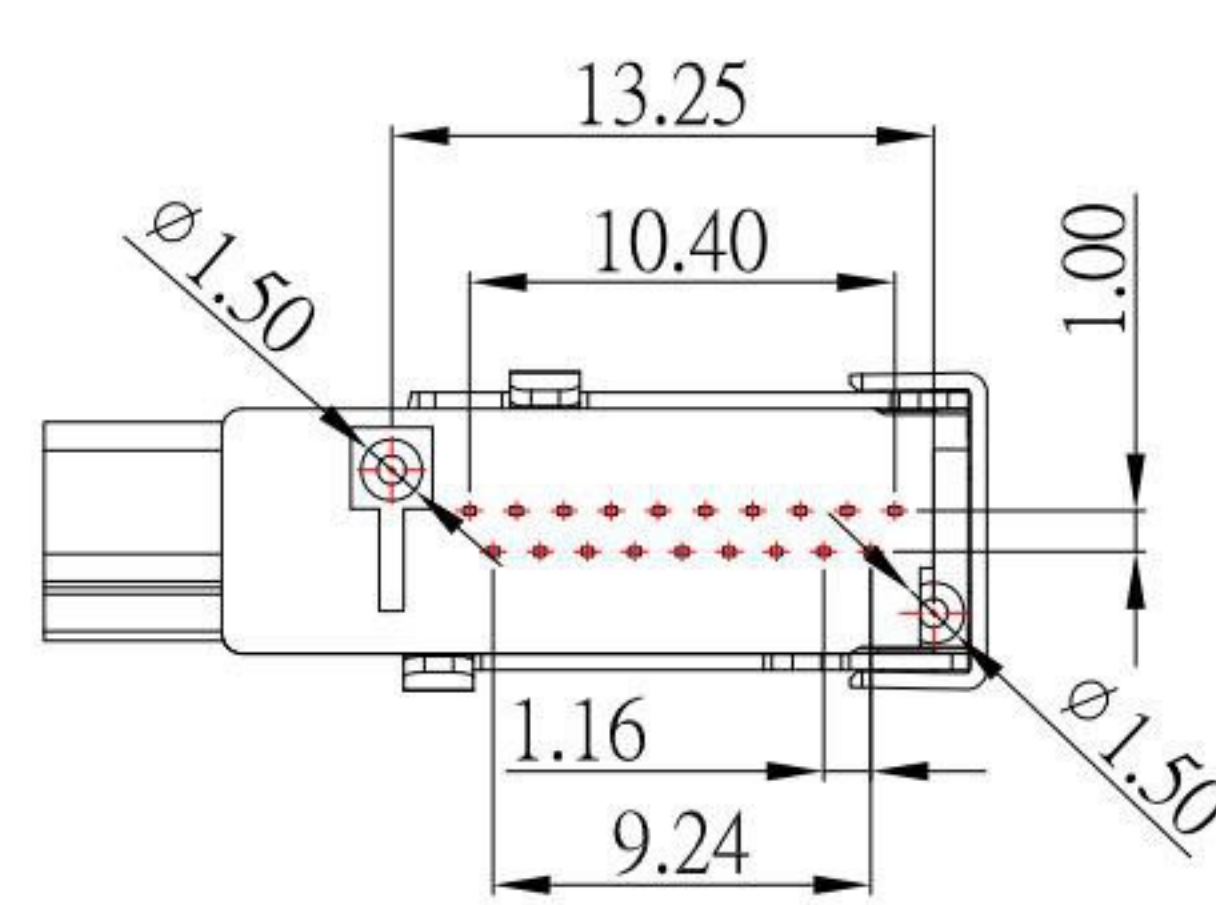
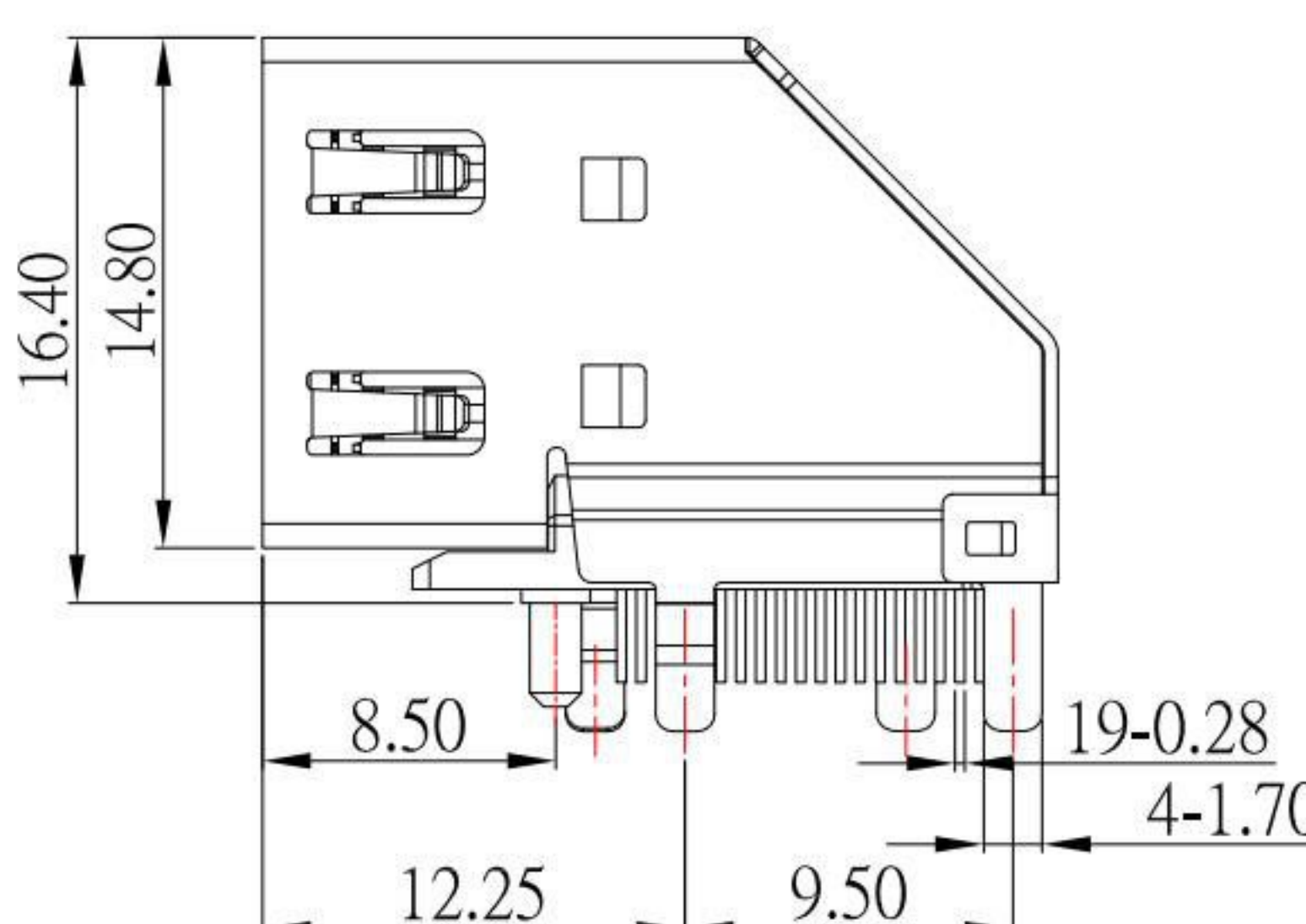
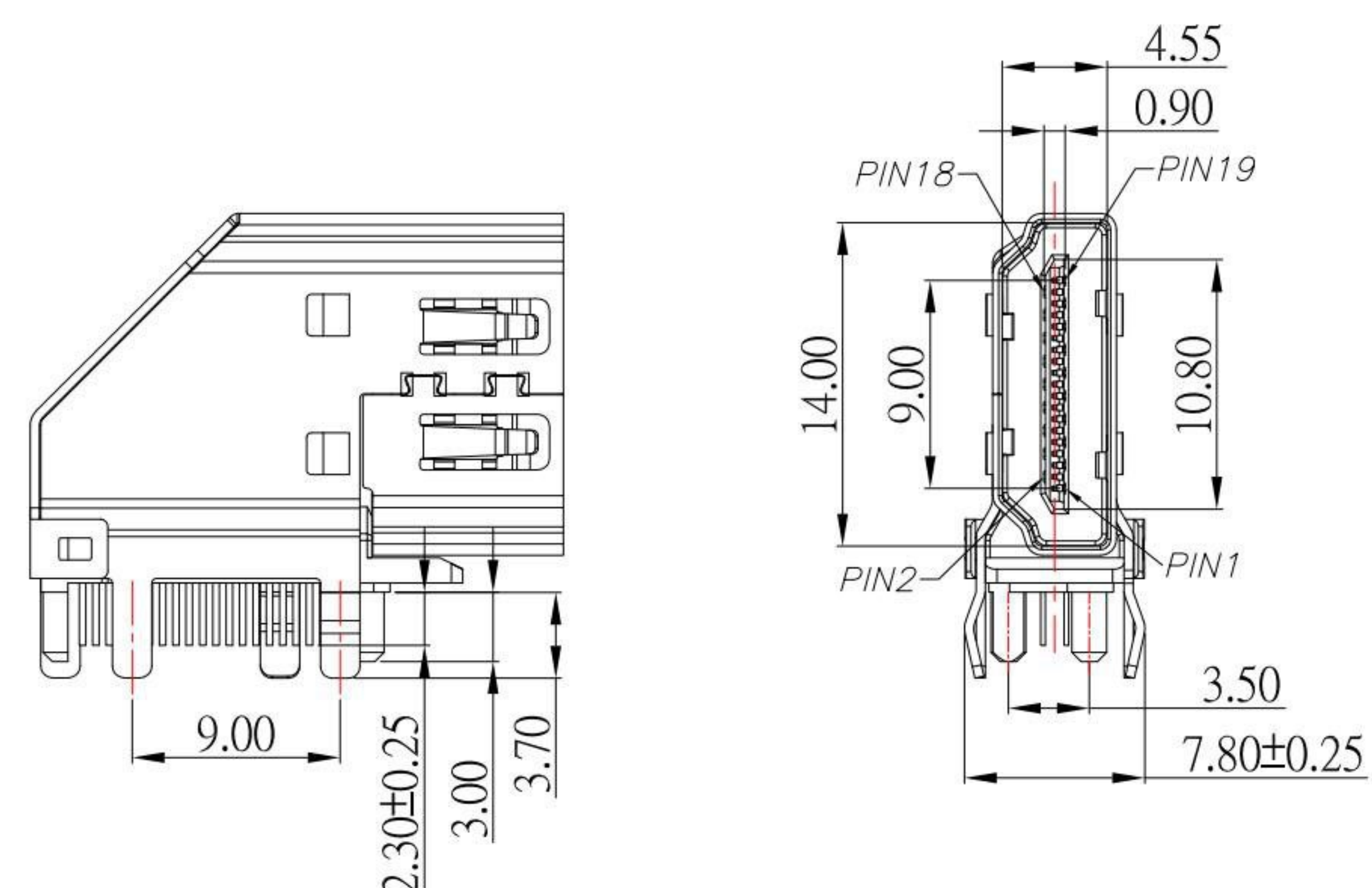
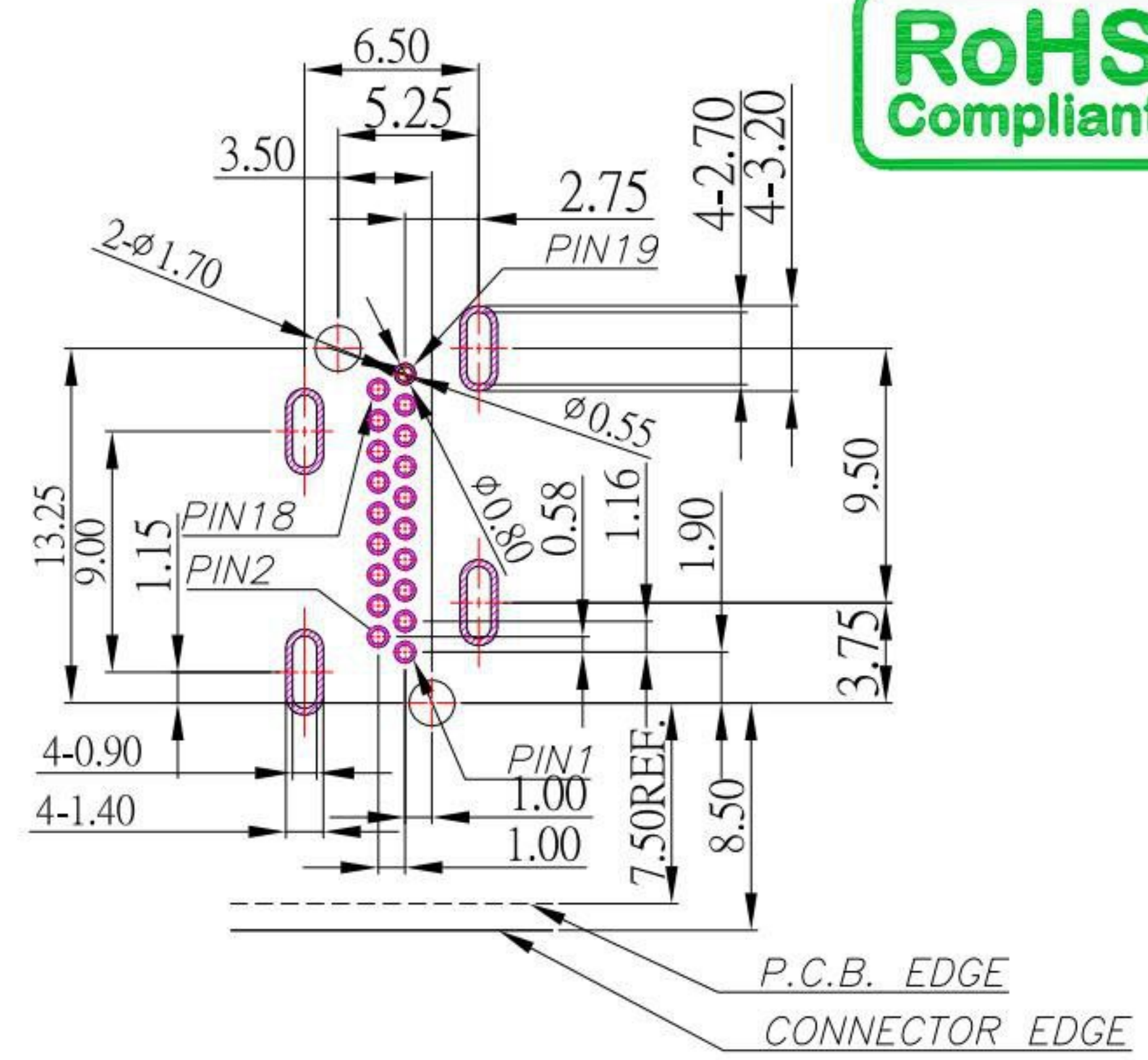




HDMI PIN ASSIGNMENT			
PIN	SIGNAL TYPE		
1	TMDS Data2+	11	TMDS Clock Shield
2	TMDS Data2 Shield	12	TMDS Clock-
3	TMDS Data2-	13	CEC
4	TMDS Data1+	14	Utility
5	TMDS Data1 Shield	15	SCL
6	TMDS Data1-	16	SDA
7	TMDS Data0+	17	DDC/CEC Ground
8	TMDS Data0 Shield	18	+5V Power
9	TMDS Data0-	19	Hot Plug Detect
10	TMDS Clock+		



RECOMMENDED P.C.B. LAYOUT
TOP VIEW

- NOTE:
- 1.MATERIAL:
 - 1.1 HOUSING: LCP, BLACK
 - 1.2 CONTACT: BRASS
 - 1.3 SHEEL: BRASS
 - 2.PLATING :
 - 2.1 CONTACT: PLATED GOLD IN MATING AREA ;
TIN PLATED ON SOLDER BALLS ;
NICKEL UNDER PLATED OVERALL
 - 2.2 SHELL: NICKEL UNDER PLATED SURFACE LAYER
 - 3.MECHANICAL:
 - 3.1 INSERTION FORCE: 4.5 Kgf MAX
 - 3.2 WITHDRAWAL FORCE: 1.0 ~ 4.0 Kgf
 - 4.ELECTRICAL:
 - 4.1RATING: 40V,0.5A
 - 4.2 CONTACT RESISTANCE: 30 mΩ Max
 - 4.3 INSULATION RESISTANCE: 100MΩ Min
 - 4.4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC / minute
 - 4.5 OPERATING TEMPERATURE: -25°C~ 85°C
 - 5.LIFE: 10,000 CYCLES

KSD
SWITCH CONNECTOR
全球 互聯零組件 制造企业

科 斯 达 电 子 科 技 有 限 公 司
KSD ELECTRONIC TECHNOLOGY Co., LTD

TOLERANCE UNLESS OTHERWISE STATED :	Up to 5 ±0.2	3RD. ANGEL'S		UNITS	MM
	Above 5 ~ 15 ±0.3				
	Above 15 ~ 30 ±0.4				
	Above 30 ~ 50 ±0.5				
Angle					

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	05/11/23			
CHECKED BY:	DATE	FINISH	MODLE	HDMI2.1 側插殼銅殼2 K腳 2直腳 腳長 2.3
Jacky Chen	05/11/23			
APPROVED BY:	DATE	SCALE	DWG NO.	HD2-19PF-P1-S297
Tony Kao	05/11/23	1 : 1		
		SHEET NO.	PART NO.	HD2-19PF-P1-S297
				SIZE A4
				VER R3

3	新增LIFE	Jack	051123
2	新增PIN定義	Jack	092922
1	更新PCB LAYOUT尺寸	Jack	092222
ITEM NO.	DESCRIPTION	DRAWN	DATE