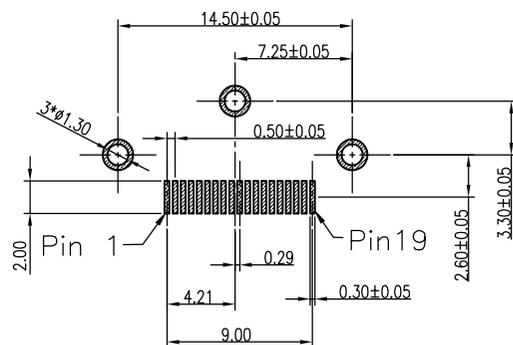
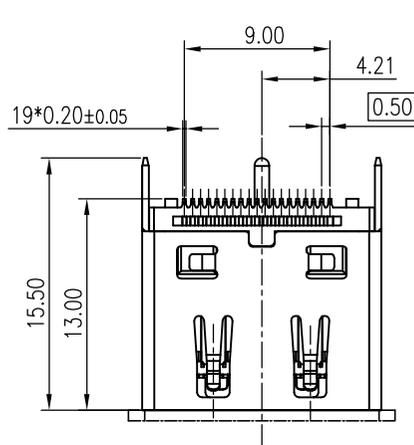
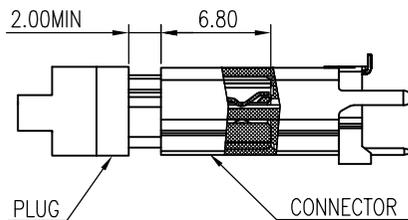
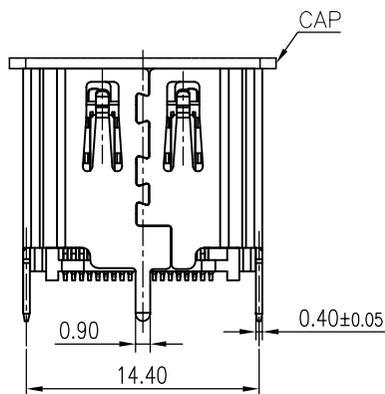
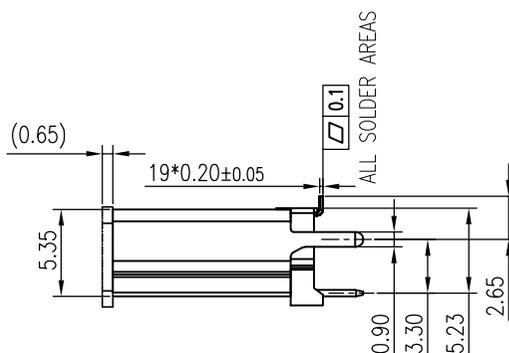
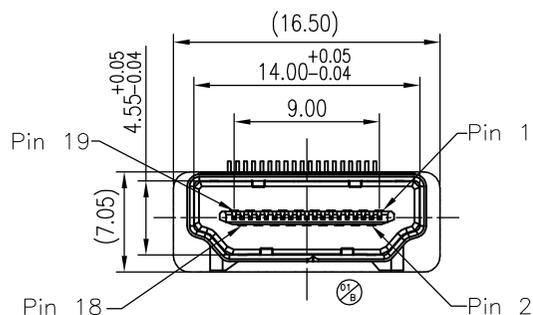


RoHS GP HF

REV.	ECR/N NO.	DESCRIPTION	DRAWN	DATE
A		NEW	CHENLIANHU	2020/05/06
B		Modify CAP Shape	WUXIAOTAO	2020/11/25



RECOMMENDED PCB LAYOUT (TOP VIEW)  
THICKNESS=1.60±0.05 DEFAULT TOLERANCE ±0.05



RECOMMENDED METHOD OF MATE  
SCALE 1:1

NOTES:

1.MATERIAL SPECIFICATION,

- 1-1.HOUSING: LCP+30%GF BLACK UL 94V-0
- 1-2.CAP: LCP+30%GF BLACK UL 94V-0
- 1-3.CONTACT: BRASS C2680
- 1-4.SHELL: STAINLESS STEEL SUS304.

2.PLATING SPECIFICATION

- 2.1 CONTACT: Ni 50u" MIN. UNDERPLATED OVER ALL.  
Au G/F PLATED ON THE FUNCTIONAL AREA OF CONTACT.  
AND MATTE Sn 80u" MIN. PLATED ON SOLDER AREA.
- 2.2 SHELL:PLATING Ni 30u" MIN OVER ALL.

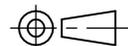
3.MECHANICAL PERFORMANCE

- 3.1.INSERTION FORCE: 4.5Kgf MAX.
- 3.2.REMOVAL FORCE: 1.0~4.0Kgf
- 3.3.DURABILITY:10000 CYCLE.

4.ELECTRICAL PERFORMANCE

- 4.1.CURRENT RATING: 0.5A MIN.
- 4.2.LLCR: CONTACT: 30 mΩ MAX., SHELL: 50 mΩ MAX.
- 4.3.INSULATION RESISTANCE:  
A:UNMATED: 100 MΩ MIN. AT 500V DC  
B:MATED: 10 MΩ MIN. AT 150V DC
- 4.4.DIELECTRIC WITHSTAND VOLTAGE:  
300V AC/60S(MATED), 500V AC/60S(UNMATED).
- 5.IR REFLOW:THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260±5°C.

TOLERANCE	MODEL NAME: HDMI 180度 19P SMT 无锁扣 13.0H 外壳SUS脚长2.5 间距3.3 加防生油 载带包装 半金钢G/F	DRAWN:	WUXIAOTAO
X.X ±0.30	MODEL NO: WLDM-058A	CHECKED:	WUHUAMING
X.XX ±0.25	UNIT: mm	APPROVED:	WUHUAMING
X.XXX ±0.15	SCALE: 1:1	DATE:	2020/11/25
ANGLE ±2.0°	REVISION: B	DWG NO:	
	SHEET 1/1	FILE:	C



**WILCO** 深圳市兴万联电子有限公司  
SHENZHEN XING WAN LIAN ELECTRONICS CO.,LTD.