

修 订 REV NO	标 记 MARK	修 改 描 要 REVISION DESCRIPTION	签 名 SIGNATURE	日 期 DATE
		NEW DWG		2016-03-12

SPECIFICATION

1. Electrical characteristics

Contact Current Rating: 0.5 A

Dielectric Withstanding Voltage: 300V AC

Insulation Resistance: a. Mate 100MΩ MIN at 500V/DC

b. Unmate 10MΩ MIN at 150V/DC

Contact Resistance: 30mΩ MAX

Temperature Range: -20° C to +85° C

2. Mechanical

Mating Face: 44.1N MAX

Unmating Face: 9.8N MIN; 39.2N MAX

Durability: 10000 Cycles

3. material:

HOUSING: THERMOPLASTICS HIGH TEMP LCP+GLASS

FIBER BLACK COLOR, UL94V-0

CONTACT: Copper Alloy, T=0.20MM

SHELL: C2680, T=0.50MM

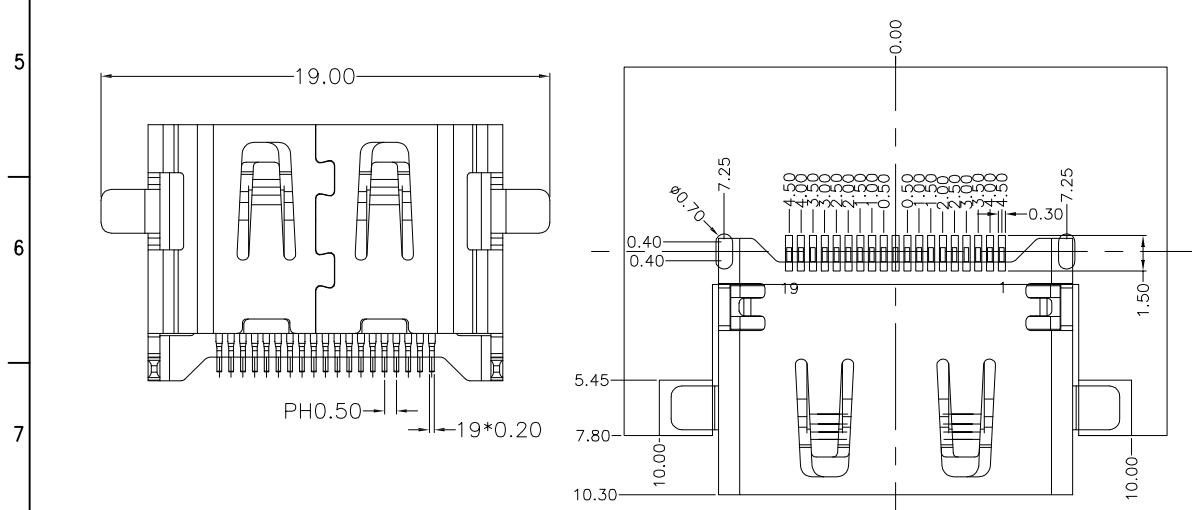
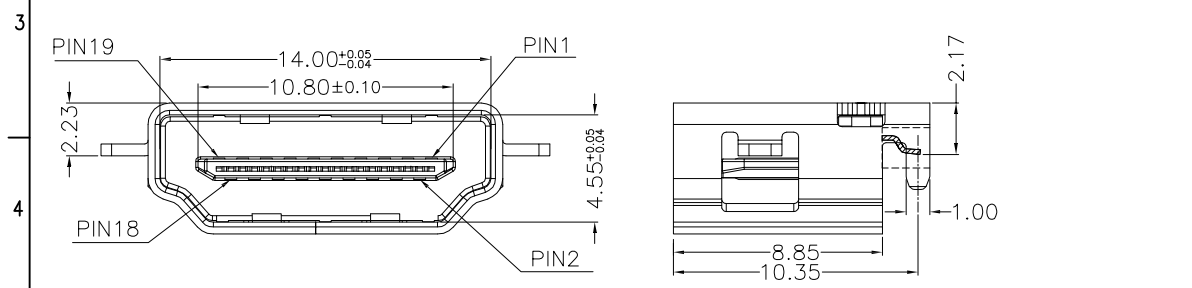
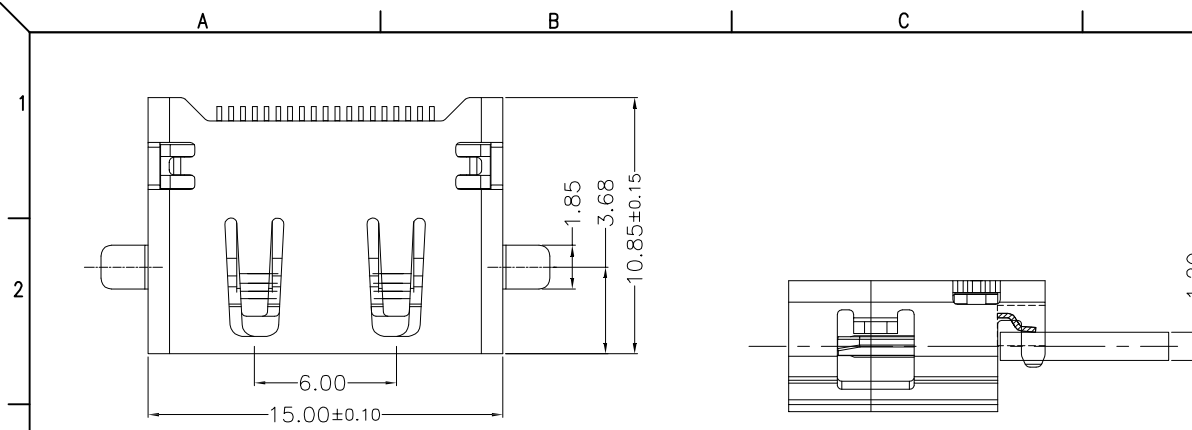
4. PLATING:

CONTACT: 1~30u" GOLD/TIN PLATING ON CONTACT AREA

100u" MIN, TIN PLATING ON SOLDER TAILS

50u" MIN, NICKEL UNDERPLATING OVER ALL

SHELL: 80u", NICKEL UNDERPLATING OVER ALL



RECOMMEND PCB LAYOUT
TOLERANCE: ±0.05 T=1.2
TOP VIEW

MATERIAL LIST:

3	SHELL	1	SPCC	NI PLATED	
2	CONTACT	19	COPPER ALLOY	AU/TIN PLATED	
1	HOUSING	1	THERMOPLASTIC(LCP)	(UL 94V-0) BLACK	
No	PAPT	NAMF	QTY	MATFRIAL	RFMARK



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-TOLERANCES- UNLESS OTHERWISE SPECIFIED 公差参数表		TITLE: 产品名称: HDMI AF SMT沉板母座1.2铁壳镀镍黑胶	
X.X	±0.30	X.X*	±3°
X.XX	±0.20	X.XX*	±2°
X.XXX	±0.10	X.XXX*	±1°
APPD: 核准:	王建国	PART NO: 产品编号:	HDMI-GD-109PWB
CHECK: 校对:	黄艳兰	DATE	SCALE
DRAW: 绘图:	2016-03-12	UNIT	CODE NUMBER
	1:1	mm	A001