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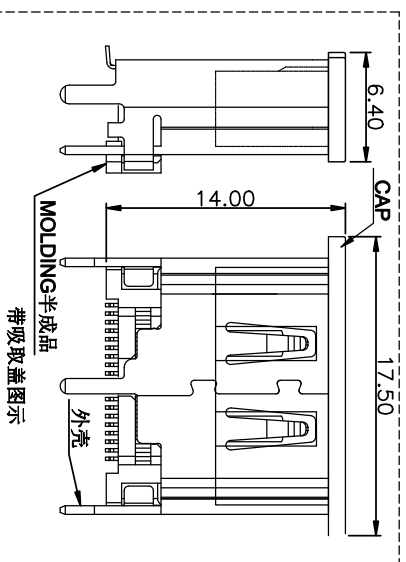
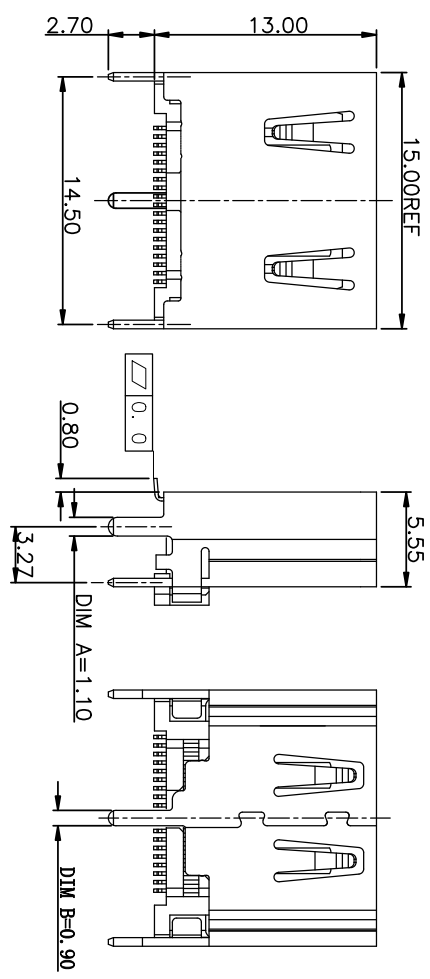
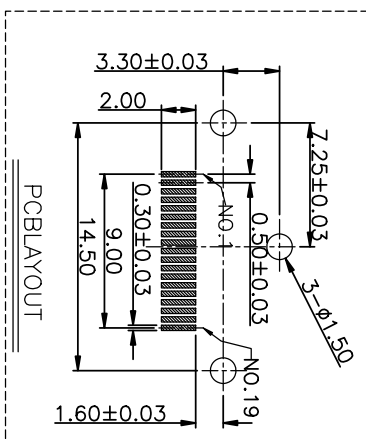
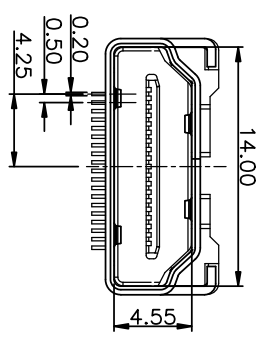
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MAPX	MODIFICATION	DRW	DATE

**NOTE:**

1. MATERIAL:  
HOUSING: HIGH TEMPERATURE PLASTIC  
BLACK UL94 V-0.  
CONTACT: BRASS, T=0.20.  
SHELL: SPCC/BRASS, T=0.50.

2. FINISH:  
CONTACT: AU/100u" SN/50u" NI PLATED.  
SHELL: NI PLATED.

3. MECHANICAL CHARACTERISTICS  
INSERTION FORCE: 44.1N MAX  
EXTRACTION FORCE: 9.8N MIN, 39.2N MAX  
MATING CYCLE: 10000 CYCLES

4. ELECTRICAL CHARACTERISTICS  
RATING CURRENT: 0.5A  
RATING VOLTAGE: 40V  
CONTACT RESISTANCE: 10 MILLIOHMS OHMS MAX INITIAL.  
CHANGE 30 MILLIOHMS OHMS MAX AFTER TEST.

INSULATION RESISTANCE:  
a. UNMATED: 100M OHMS MIN AT 500 VDC  
b. MATED: 10M OHMS MIN AT 150 VDC

DIELECTRIC WITHSTANDING VOLTAGE:  
UN MATED CONNECTOR 500V AC/1MINUTE  
MATED CONNECTOR 300V AC/1MINUTE  
OPERATING TEMPERATURE: -55°C~+105°C

**产品说明**

序号	部件名称	功能与说明
1	底座	材质: UL94V-0高温; 颜色: BLACK
2	端子	材质: C2680-IT=0.2mm 电镀: 镀底50U", 接触地方镀金1U", 其余部位镀镍100U"至150U";
3	外壳	材质: SPCC T=0.5mm, 电镀: 表面镀80"至100U"
4	产品性能	a. 额定电压: 500V AC1*分钟; b. 接触电阻: 10mΩ MAX; c. 绝缘电阻: 100MΩ; d. 插入力: 41.0N max, 拔出力: 9.8N-38.4N; e. 寿命测试: 10000cycles Min.
5	ROHS	所用物料符合ROHS要求:

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

**产品图**

公差一览表  
TOLERANCE UNLESS OTHERWISE SPECIFIED

单位	公差	角度
MM	±0.25	±5°
MM	±0.15	±2°
MM	±0.10	±1°
MM	±0.05	±0.5°

制图: YANG  
审核: 郭治宣  
日期: 2020-05-22  
核准: 黄国荣

制料号: 920-762A2021B10103  
产品名称: HMDI 19P21N F 13.0/15.7三直脚直立式铁壳  
PRODUCT NO: SWT型+板塞  
角法: VER  
版本: AD

**深圳市精拓电子有限公司**  
Shenzhen Jing Tuo Jin Electronics Co., Ltd.