



**1.Material:**

InsertMolding:LCP UL 94V-0 Black  
 Contact:Copper alloy,T=0.20mm  
 Shell:SPCC,T=0.50mm

**2.Electrical**

- 1.1.Rated Voltage:40V AC/DC maximum
- 1.2.Rated Current:0.3A max.
- 1.3.Dielectric strength:150V AC/1 minute
- 1.4.Insulation Resistance:150V DC 10MΩ min.
- 1.5.Contact Resistance:30mΩ Max.

**3.Mechanical**

- 2.1.Insertion Force Max:4.0kgf max.
- 2.2.Removal Force Min:1.0kgf min. , 4.0kgf max.
- 2.3.Durability: 10000 cycles at 100±50 cycles per hour

**4.Plating**

- 4.1.Terminal:Contact area:1u" gold plate over 50u" NI min.  
Solder area:100u" pure TIN plate over 50u" NI min.
- 4.2.Shell: Ni:100u"min.

**5.Ambient Temperature:-55°C To +85°C**

后视图

RECOMMEND PCB LAYOUT (T=1.00)  
 PCB TOLERANCE: ±0.05

<b>CMTDDZ 东莞市田都科技有限公司</b> Dongguan TianDu Technology Co. Ltd.			
X. ± 0.30	APPD:	TITLE:	
.X ± 0.25	CHKD:	<b>HDMI A 19P SMT</b> 不带凸包	
.XX ± 0.20	DR: ERIC	PART NO:	
.XXX ±		DWG NO: T15-19F02-A 000	
X' ± 1°	UNITS: mm	SCALE: 1:1	SHEET:10F1
.X' ± 0.5°			REV: A

REV	DESCRIPTION	DATE
C	取消侧面凸点, 并壳脚增加凸包, 修改下脚片	2018/07/21
B	取消外壳上卡点, 增加侧面凸点, 修改脚片长度	2017/08/29
A	初版发行	2017/07/07