



HDMI-101W
W7.50xD6.50xH3.00

PIN数(Number of contacts) : 19PIN

插座类型(Socket type) : HDMI

插座类别(Socket category): 母座/Mother seat

操作方式(Operation mode): 卧式/Horizontal

温度范围(Operating temp): -40°C TO +85°C

操作寿命(Operation life): 5,000 Cycles Min

额定负荷(Rated load): DC 40V 0.3A

焊接方式(Welding mode): 贴片式/SMT

接触电阻(Contact resistance): $\leq 10m\Omega$

包装方式(Packaging method): 卷带/Tape&Reel(TR)

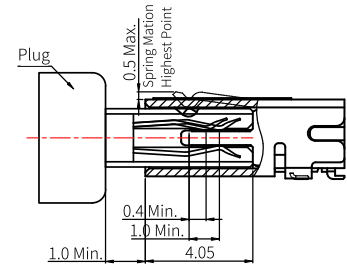
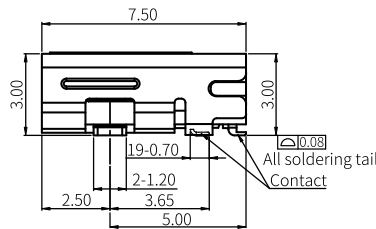
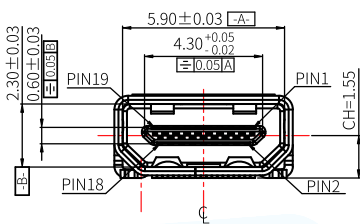
绝缘电阻(Insulation resistance): $\geq 100M\Omega$

最小包装(Minimum packing): 1,000/PCS

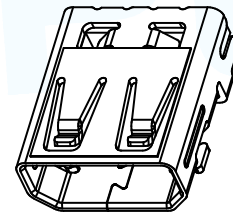
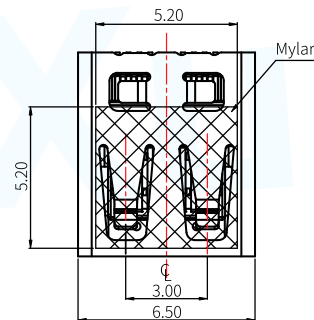
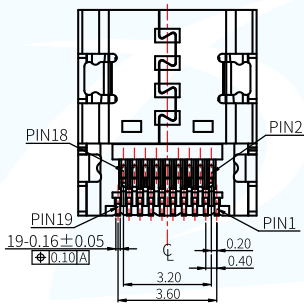
外形尺寸(UNIT:MM) / Size Chart

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更多资料请参考技术选型档!

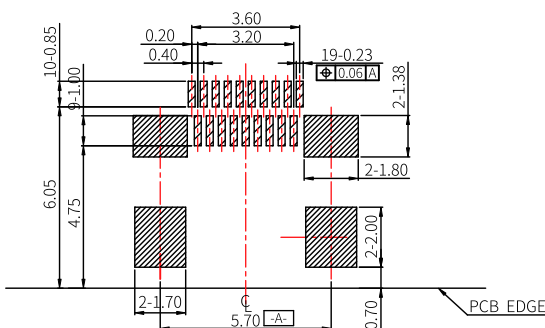


Receptacle and Plug Mated Condition



线路板安装(UNIT:MM) / Mounting Dimensions

引脚定义/Pin Definition

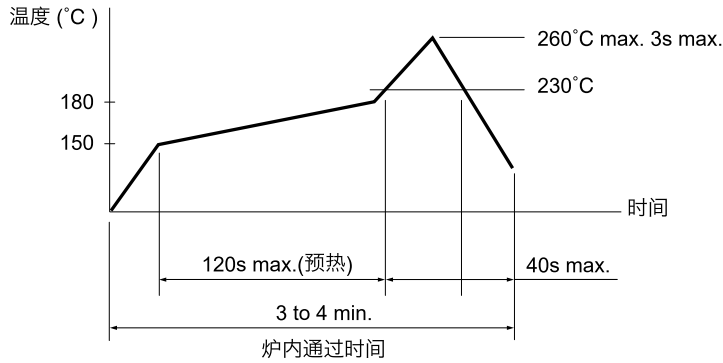


P.C.B LAYOUT(copper-side view)

| PIN | Signal Name | PIN | Signal Name |
|-----|--------------------|-----|-------------------|
| 1 | Hot Plug Detect | 11 | TMDS Data 0- |
| 2 | Utility | 12 | TMDS Colck+ |
| 3 | TMDS Data 2+ | 13 | TMDS Colck Shield |
| 4 | TMDS Data 2 Shield | 14 | TMDS Clock- |
| 5 | TMDS Data 2- | 15 | CEC |
| 6 | TMDS Data 1+ | 16 | DDC/CEC Ground |
| 7 | TMDS Data1 Shield | 17 | SCL |
| 8 | TMDS Data 1- | 18 | SDA |
| 9 | TMDS Data 0+ | 19 | +5V Power |
| 10 | TMDS Data0 Shield | | |

● 回流焊/Reflow soldering

适用表面贴装型产品/Applicable to surface mount products
温度分布/Temperature distribution



注:

1. 加热方式:以远红外线上下加热方式。
2. 温度测量:用 $\phi 0.1\sim 0.2$ 的 CA(K)或 CC(T)测量位置在焊接连接部(锡/铜箔面)。
3. 固定方式:采用耐热胶带。

● 手焊式/Hand welding

| 项目/Project | 条件/condition |
|-----------------------------------|--------------|
| 焊接温度 Welding temperature | 350°C max. |
| 持续焊接时间 Continuous welding time | 3s max. |
| 焊剂斗容量 Flux bucket capacity | 60W max. |

● 浸焊式/Immersion soldering

| 项目/Project | 条件/condition |
|------------------------------------|---|
| 助焊剂附着量 Flux adhesion | 不附着于零部件贴装面的程度 Not attached to the mounting surface of components |
| 预热温度 Preheating temperature | 印刷电路板焊接面的周围温度 100°C max. The temperature around the welding surface of PCB is 100 °C max |
| 预热温度时间 Preheat temperature time | 60s max. |
| 焊接温度 welding temperature | 260°C max. |
| 焊接浸渍时间 Welding immersion time | 5s max. |
| 焊接次数 Welding times | 2 times max. |

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