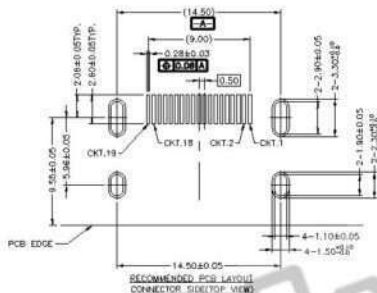
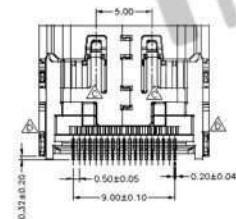
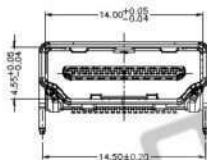
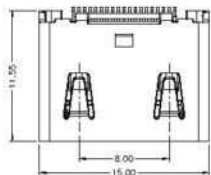
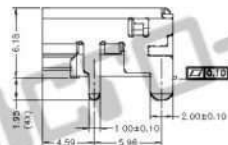


# Micro-Ray



RECOMMENDED PCB LAYOUT  
CONNECTOR SIDE(TOP) VIEW



MR-A111922-D-10-R2

11 HDMI-A/F  
19:19PIN  
D: SHELL  
R2: Tape Reel No Mylar Tape  
R: TAPE REEL  
T: TRAY  
01: Au 1u"  
03: Au 3u"  
05: Au 5u"  
10: Au 10u"  
15: Au 15u"

- NOTES:  
1. MATERIAL AND FINISH SEE THE TABLE.  
2. MECHANICAL CHARACTERISTICS  
INSERTION FORCE: 44.1N MAX  
WITHDRAWAL FORCE: 9.8N MIN, 39.2N MAX  
MATING CYCLE: 10000 CYCLES  
3. ELECTRICAL CHARACTERISTICS  
RATING CURRENT: 0.5A  
RATING VOLTAGE: 40V  
CONTACT RESISTANCE: 10 MILLIOHMS MAX  
(EXCLUDING CONDUCTOR RESISTANCE)  
INSULATION RESISTANCE:  
a. UNMATED: 100M OHMS MIN AT 500V DC  
b. MATED: 10M OHMS MIN AT 150V DC  
DIELECTRIC WITHSTANDING VOLTAGE:  
500V AC/1MINUTE  
OPERATING TEMPERATURE: -20°C--+85°C  
STORAGE TEMPERATURE: -20°C--+65°C

| Item | Title          | Material     | Dispose                             | Remark |
|------|----------------|--------------|-------------------------------------|--------|
| 1    | Terminal       | Copper Alloy | Mating Area: P/N<br>Solder: ToluSol | t=0.20 |
| 2    | Insert/Welding | ICP          | UL94V-0                             | Black  |
| 3    | Shell          | Copper Alloy | UL94V-0                             | t=0.50 |

|     |             |              |        |            |
|-----|-------------|--------------|--------|------------|
| D   | TE2016-0129 | 回流焊前处理通孔位置数据 | 李少亮    | 2016/11/13 |
| G   | TE2016-406  | 取消数据         |        | 2016/06/09 |
| B   | TE2016-380  | 取消数据         |        | 2016/06/26 |
| A   | TE2016-347  | New Drawing  |        | 2016/04/23 |
| REV | CDN NO      | DESCRIPTION  | DESIGN | DATE       |

|            |                |                            |                            |
|------------|----------------|----------------------------|----------------------------|
| K ± 0.25   | AWP: Henry Sun | Micro-Ray                  |                            |
| K ± 0.25   | CHK: Lebon Lee |                            |                            |
| JX ± 0.15  | DR: Cole Lee   | PART NO: MR-A111922-D-XX-X | HDMI-A/F CORN. SMT TYPE    |
| JXL ± 1.5" | SCALE: 1:1     | DWG NO: MR-A111922-D-10-R2 | CUSTOMER DRAWING SHEET/101 |
| UNITS: mm  |                |                            | REV: 0                     |