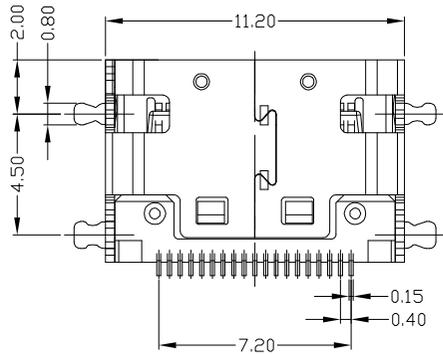
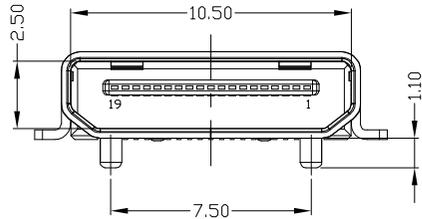
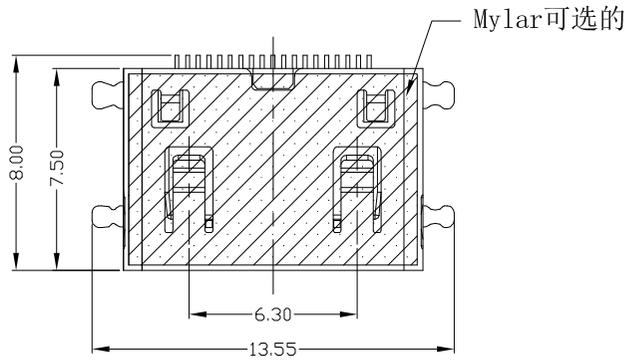


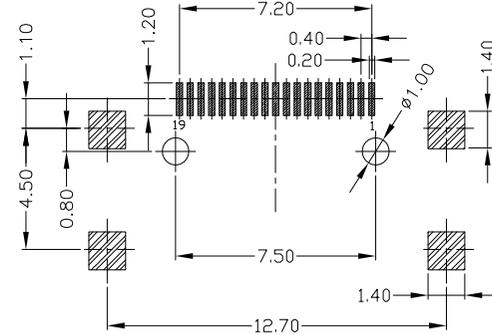
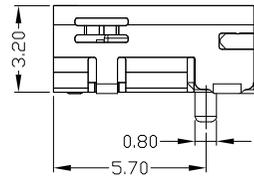


RoHS
Compliant
2002/95/EC

| REV. | ECN. NO. | APPD. |
|------|----------|-------|
| | | |
| | | |
| | | |



| TYPE C PIN | SIGNAL NAME |
|------------|-------------------|
| 1 | TMDS DATA2 SHIELD |
| 2 | TMDS DATA2 + |
| 3 | TMDS DATA2 - |
| 4 | TMDS DATA1 SHIELD |
| 5 | TMDS DATA1 + |
| 6 | TMDS DATA1 - |
| 7 | TMDS DATA0 SHIELD |
| 8 | TMDS DATA0 + |
| 9 | TMDS DATA0 - |
| 10 | TMDS CLOCK SHIELD |
| 11 | TMDS CLOCK + |
| 12 | TMDS CLOCK - |
| 13 | DDC/CEC GROUND |
| 14 | CEC |
| 15 | SCL |
| 16 | SDA |
| 17 | UTILITY |
| 18 | +5V POWER |
| 19 | HOT PLUG DETECT |



RECOMMEND PCB LAYOUT

NOTES:

- ELECTRICAL:
 - VOLTAGE CURRENT RATING: 0.5AMP,40V AC;
 - INSULATION RESISTANCE: 100MΩ MIN;
 - CONTACT RESISTANCE: 30mΩ MAX;
 - WITHSTANDING VOLTAGE: 500V AC;
 - OPERATING TEMPERATURE:-20°C TO +85°C.
- Mechanical:
 - Mating Force: 35N MAX
 - Unmating Force: 10N MIN.
- DIMENSIONS MARKED "▼" TO BE CHECKED BY Q.C & IPQC.

4.PART NO.

MHMF-19*G-4BV90

1:Au 1U'
5:Au 15U' N:Ni
G:Au

Bill of materials:

| NO | PARTS | MATERIAL | QTY | FINISHING |
|----|----------|--------------|-----|--------------------------|
| 3 | HOUSING | LCP+30%GF | 1 | UL94V-0 |
| 2 | SHELL | COPPER ALLOY | 1 | PLATED NICKEL SOLDER TIN |
| 1 | TERMINAL | COPPER ALLOY | 19 | PLATED GOLD |

| | | | |
|------------|---------|--------|----------|
| X. ±0.35 | X.' ±2' | UNITS | mm |
| .X ±0.3 | .X' ±1' | MAT'L | SEE NOTE |
| .XX ±0.25 | .XX' | FINISH | SEE NOTE |
| .XXX ±0.15 | .XXX' | Q'TY | SEE NOTE |

东莞市腾兴电子有限公司

| | |
|---|--|
| TITLE: MINI HDMI FEMALE 19P SMT C TYPE 成品 (铜壳SMT) | PART NO.: MHMF-19*G-4BV90 |
| DR: gan 2016/11/02 | DWG NO.: AII-V90 |
| CHKD: gan 2016/11/02 | SCALE SHEET REV. CUSTOMER 1:1 1/1 B DRAWING |
| APPD: | |

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