



RECOMMENDED PCB LAYOUT THICKNESS  
TOP VIEW

NOTE:

1.MATERIAL:

- 1.1 HOUSING: LCP, BLACK
- 1.2 CONTACT: COPPER ALLOY
- 1.3 SHEEL: COPPER ALLOY

2.PLATING :

- 2.1 CONTACT: PLATED GOLD IN MATING AREA ;  
TIN PLATED ON SOLDER BALLS ;  
NICKEL UNDER PLATED OVERALL
- 2.2 SHELL: NICKEL UNDER PLATED SURFACE LAYER

4.ELECTRICAL:

- 4.1 RATING: 40V , 0.5A
- 4.2 CONTACT RESISTANCE: 30 mΩ Max
- 4.3 INSULATION RESISTANCE: 100MΩ Min
- 4.4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC
- 4.5 OPERATING TEMPERATURE: -40°C~ 85°C

| PIN | Signal Assignment | 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 Data1-       |
| 9   | TMDS Data0+       | 10  | TMDS Data0 Shield |
| 11  | TMDS Data0-       | 12  | TMDS Clock+       |
| 13  | TMDS Clock Shield | 14  | TMDS Clock-       |
| 15  | CEC               | 16  | DDC/CEC Ground    |
| 17  | SCL               | 18  | SDA               |
| 19  | +5V Power         |     |                   |

RoHS Compliant

TOLERANCES ARE

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

Up to 5 ±0.2  
Above 5 ~ 15 ±0.3  
Above 15 ~ 30 ±0.4  
Above 30 ~ 50 ±0.5  
Angle ±0.3°

照片框

ORDER INFORMATION

MIHDMI-SWMMC-19-LF

SERIES

LEADFREE  
19 WAY  
MYLAR  
METAL FOOT  
90°SMT  
FEMALE

DESCRIPTION: HDMI DTYPE Female SMT Shell DIPX4