



RECOMMEND P.C.B LAYOUT
(General tolerance ±0.05)

| Pin No. | microSD | UFS | UHS-II microSD |
|---------|---------|-----------|----------------|
| P1 | VSS | VSS | VSS |
| P2 | 8-DAT1 | | 8-RCLK- |
| P3 | 7-DAT0 | | 7-RCLK+ |
| P4 | 6-CD | 11-CD | 6-CD |
| P5 | 5-CLK | | 5-Not used |
| P6 | 4-VDD | 12-VCC | 4-VDD1(3.3V) |
| P7 | 3-CMD | | 3-Not used |
| P8 | 2-DAT3 | | 2-Not used |
| P9 | 1-DAT2 | | 1-Not used |
| P10 | VSS | 1-VSS | 16-VSS |
| P11 | | 2-DIN_C | 15-D1+ |
| P12 | | 3-DIN_T | 14-D1- |
| P13 | | 4-VSS | 13-VSS |
| P14 | | 5-DOUT_C | 12-D0- |
| P15 | | 6-DOUT_T | 11-D0+ |
| P16 | | 7-VSS | 10-VSS |
| P17 | | 8-REF_CLK | |
| P18 | | 9-VCCQ2 | 9-VDD2(1.8V) |
| P19 | VSS | 10-VSS | VSS |

SECTION A-A

Specification

- MATERIAL:
 - Insulator: High Temperature Thermoplastic, (LCP S475), UL Black 94V-0.
 - Contact: Phosphor Bronze (C5210R-H, T=0.15±0.03mm)
 - Shell: SUS304 T=0.15±0.03mm
- Plating:
 - Contact: Plated 50u"min Ni Overall
Plated 1u"min Au Selective contact area
Gold Flash over Ni on solder area
 - Shell: Plated 30u"min Ni Overall
Gold Flash Selective Contact Area
- Property:
 - Current Rating :0.5A .
 - Withstanding Voltage: AC500V r.m.s.
 - Ambient Temperature Range :-20°C~+60°C
 - Contact Resistance: 200mΩ max.
 - Insulation Resistance: 500 MΩ Minimum at DC 500V.
 - Durability: 10,000 cycles

深圳市华宇创精密电子有限公司

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|---|---------------------|----------------------|----------------------------------|
| TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X: ±2' X.X' ±0.5' | DRAWN BY : 陈一鸣 | DATE : 2014-02-23 | PART NAME: 三合一卡座 SMT TYPE |
| | CHECKED BY : 马跃 | DATE : 2014-02-23 | PART NO. : HYCW72-3IN119-160B |
| UNIT: mm [inch] SCALE: 1:1 SIZE: A4 | APPROVED BY : 邱敏 | DATE : 2014-02-23 | DRAW NO. : HYC-2206011718 |
| | | | SHEET NO. : 1 OF 1 |