



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

▨ PAD AREA  
- - - KEEP OUT AREA  
▨ GND PATTERN ONLY

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

### Specification

#### 1.MATERIAL:

- 1.1 Insulator:High Temperature Thermoplastic, (LCP S475),UL Black 94V-0.
- 1.2 Contact: Phosphor Bronze(C5210R-H,T=0.15±0.03mm)
- 1.3 Shell: SUS304 T=0.15±0.03mm

#### 2.Plating:

- 2.1 Contact: Plated 50u''min Ni Overall  
Plated 1u''min Au Selective contact area  
Gold Flash over Ni on solder area
- 2.2 Shell: Plated 30u''min Ni Overall  
Gold Flash Selective Contact Area

#### 3.Property:

- 3.1 Current Rating :0.5A .
- 3.2 Withstanding Voltage:AC500V r.m.s.
- 3.3 Ambient Temperature Range :-20°C~+60°C
- 3.4 Contact Resistance:200mΩ max.
- 3.5 Insulation Resistance:500 MΩ Minimum at DC 500V.
- 3.6 Durability:10,000 cycles



深圳市华宇创精密电子有限公司

TOLERANCE:  
X.X ±0.30  
X.XX ±0.25  
X.XXX ±0.15

X' ±2' X.X' ±0.5'

UNIT: mm [inch]

SCALE:1:1 SIZE: A4

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

APPROVED BY:  
邱敏

DATE :  
2014-02-23

DRAW NO:  
HYC-2206011718

SHEET NO.  
1 OF 1

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