

RoHS Compliant

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

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

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

-  PAD AREA
-  KEEP OUT AREA
-  GND PATTERN ONLY

MEASURE POINT:

QUADRANT POINT 

TANGENCY POINT 

INTERSECTION POINT 

UNLESS OTHERWISE
SPECIFIED,TOLERANCE:

X.	±0.25
X.x	±0.20
X.xx	±0.15
ANGULAR	±3°

 联晟欣连接器（深圳）有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN	Andy	DATE	2014.12.24	TITLE:	UFS 3 in 1 CARD SMT Type(无LOGO)		
CHECKED		DATE					
APPROVED		DATE					
PART NO:	LCK-SD-208H1609-YLG	REV:	04	SCALE:	1:1	UNIT:	mm
DRAWING NO:	1020223212	SIZE:	A4	SHEET:	1/1		