

SPECIFICATION

1.MATERIAL

Insulator: High Temperature Thermoplastic, UL94V-0  
 Contact: Copper Alloy  
 Shell: Copper Alloy

2.PLATING

Contact Area: Gold PLATED Over Ni.  
 Solder Tail: Sn PLATED Over Ni.  
 Shell Solder Area: Gold PLATED Over Ni.

3.ELECTRICAL

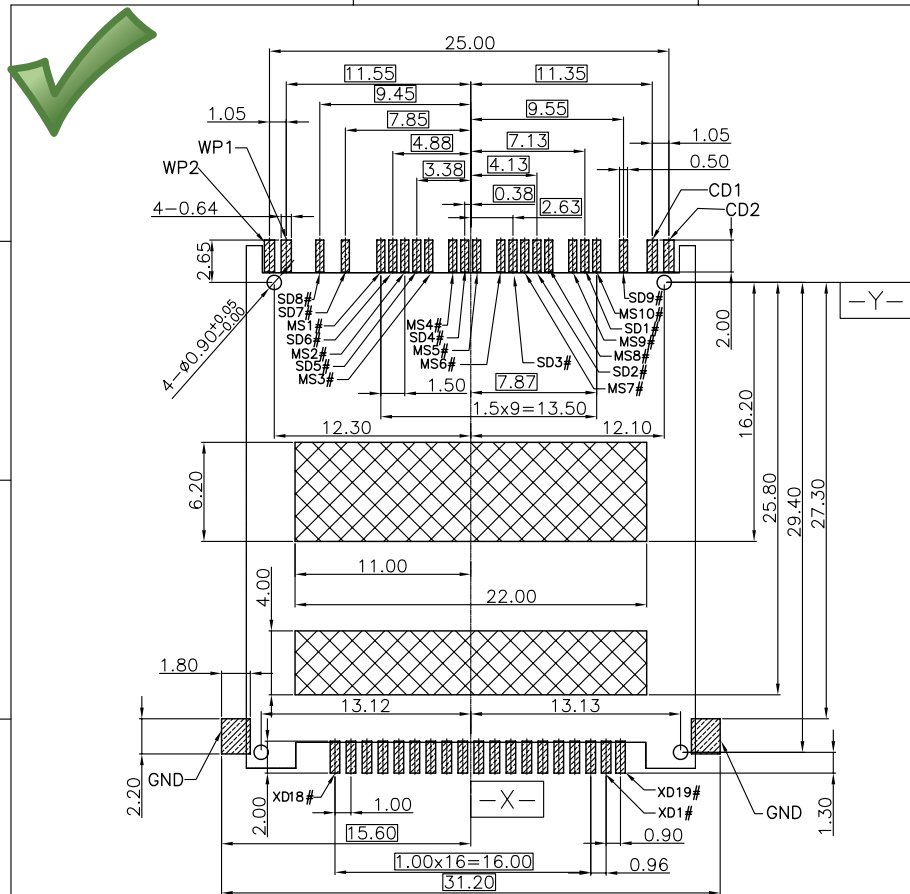
Operating Temperature:-25°C TO+90°C  
 Current Rating :0.5mA max.  
 Contact Resistance:100mΩ max.  
 Insulation Resistance:1000MΩ min./500VDC

4.MECHANICAL

Mating Cycles:10,000 Insertions

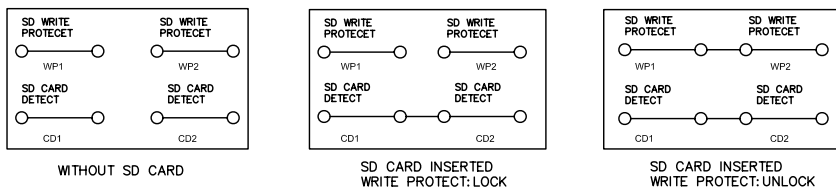
锐泰科  
2008.05.07  
工程部

UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE		DRN: NEIL	DATE: 2008.05.07	A	新发行	NEIL	2008.05.07
LINEAR	ANGULAR	CKD: DAVID	DATE: 2008.05.07	REV.	CHANGE DETAILS	BY	DATE
.X ± 0.38	X. ± 2°	APP'D: KING	DATE: 2008.05.07	TITLE:		CHG/No	
.XX ± 0.25	.X ± 1°	DO NOT SCALE	SCALE: 2:1	SD+MMC+MS+XD 4 IN 1 Card Connector D Type		RETIC 深圳市锐泰科电子有限公司	
.XXX± 0.10	.XX± 0.5°	BREAK ALL SHARP EDGES AND REMOVE ALL BURRS		THIRD ANGLE PROJECTION		TEL:86-755-27882199 FAX:27882798	
DIMENSIONS IN MILLIMETRES			PART NO.: 100-406-121	SIZE: A4	DRAWING NO. 100-406-121-1		SHEET 1/2



**RECOMMENDED PCB LAYOUT**  
(GENERAL TOLERANCE  $\pm 0.05$ )

PAD AREA  
 KEEP AREA  
 KEEP OUT AREA



**SD CARD(MMC CARD)**

PIN#	NAME	DESCRIPTION
1	CD/DAT3	CARD DETECT/DATA LINE BIT3
2	CMD	COMMAND/RESPONSE
3	VSS1	SUPPLY VOLTAGE GROUND
4	VDD	SUPPLY VOLTAGE
5	CLK	CLOCK
6	VSS2	SUPPLY VOLTAGE GROUND
7	DAT0	DATA LINE BIT0
8	DAT1	DATA LINE BIT1
9	DAT2	DATA LINE BIT2

**XD DEFINITION**

PIN NO.	FUNCTION
1	GND
2	READY/BUSY
3	READ ENABLE
4	CARD ENABLE
5	COMMAND LATCH ENABLE
6	ADDRESS LATCH ENABLE
7	WRITE ENABLE
8	WRITE PROTECT
9	GND
10	DATA0
11	DATA1
12	DATA2
13	DATA3
14	DATA4
15	DATA5
16	DATA6
17	DATA7
19	CD-CARD DETECT
18	VCC

**MEMORY STICK**

PIN#	NAME	DESCRIPTION
1	VSS	VSS
2	BS	SERIAL PROTOCOL BUS STATE SIGNAL
3	DATA1	DATA1
4	DATA0	DATA0
5	DATA2	DATA2
6	INS	STICK INSERTION/EXTRACTION DETECT-TERMINAL
7	DATA3	DATA3
8	SCLK	SERIAL PROTOCOL CLOCK SIGNAL
9	VCC	VCC
10	VSS	VSS



UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE		DRN: NEIL	DATE: 2008.05.07	A	新发行	NEIL	2008.05.07
LINEAR	ANGULAR	CKD: DAVID	DATE: 2008.05.07	REV.	CHANGE DETAILS	BY	DATE
.X $\pm$ 0.38	X. $\pm$ 2'	APP'D: KING	DATE: 2008.05.07	TITLE: SD+MMC+MS+XD 4 IN 1 Card Connector D Type		RETG 深圳市锐泰科电子有限公司	
.XX $\pm$ 0.25	.X $\pm$ 1'	DO NOT SCALE	SCALE: 2:1	THIRD ANGLE PROJECTION		TEL:86-755-27882199 FAX:27882798	
.XXX $\pm$ 0.10	.XX $\pm$ 0.5'	DIMENSIONS IN MILLIMETRES		PART NO.: 100-406-121	SIZE: A4	DRAWING NO. 100-406-121-1	SHEET 2/2