

# SD卡座 SD卡座连接器 SD卡座贴片

产品名称	SD卡座 SD卡座连接器 SD卡座贴片
公司名称	乐清市振锐电子有限公司
价格	面议
规格参数	品牌:振锐 型号:SD-No9WG
公司地址	乐清市虹桥镇沙河路186弄2号
联系电话	86 0577 61359863 15158675209

## 产品详情

tf card connector, push type

### 1.0 scope

this specification covers performance, tests, and quality requirements for sd pushconnector smtt  
ype

### 2.0 requirements

#### 2.1 materials and finish

insulator:;lcp and pa46,rates ul94v-0

contact: ( a ) material:phosphor bronze,t=0.20mm

(b) finish:selective gold(1u " /3u " /5u " /10u " /15u " )plated on contact area,plated tin/lead 100u " o  
n solder area

card detect& write protect:

(a) material:phosphor bronze,t=0.15mm

(b) finish:selective gold(1u " /3u " /5u " /10u " /15u " )plated on contact area,plated tin/lead 100u " o  
n solder area

shell:sus304-3/4h,t=0.20mm.

### 2.2 characteristics

voltage rating:250v ac

current rating:0.5amps max

contact resistance(signal):40m initial(100 m after test)maximum

insulatric:withstanding voltage: 100 m maximum.500vdc.

dieltric: withstanding voltage:500vac/minute.

opetating temperature:-20 ~+60

storage temperature: -40 ~+70 .

mating cycle:1000 insertions.

contact retention in housing:0.3kg/pin min.

## 2.3 electrical

### 2.3.1 rated current

requirement:0.5amp(ac/dc)

test condition:mate connectors measure by dry circuit.

### 2.3.2 rated voltage

requirement:250vac

test condition:mate connectors measure by dry circuit.

### 2.3.3 insulation resistance

requirement:1000m minimum.

test condition:mate cinnectors,apply 500v dc between adiacent terminal and ground.

### 2.3.4 contact resistance

requirement: 40m minimum.100m maximum at and off life.

test condition:mate connectors measure by measure by dry circuit.20mm v max,10m

a

### 2.3.5 dielecctric strength

requirement:500vac/minute

## 2.4 mechanical

#### 2.4.1 insertion force(max)

requirement:40n max.(4.0kgf)

test condition:insert connector at the speed rate of  $25 \pm 3$ mm/min.

#### 2.4.2 extraction force(min)

requirement:2n(0.2kgf)

test condition:retraction connector at the speed rate of  $25 \pm 3$ mm/min.

#### 2.4.3 contact retention(min)

requirement:3n(0.2kgf)

test condition:apply axial pull out force at  $25 \pm 3$ mm/min on the assembly in the housing.

#### 2.4.4 durability cycling(min)

requirement:10000cycles

test condition:400~600 cycles operations using a mate connector at the rate of 400~600 cycles

within 1 hours.

### 2.5 solder ability

#### 2.5.1 solder ability

requirement:95%min

test condition: solder time: $3 \pm 0.5$ sec

solder temperature: $230 \pm 5$

#### 2.5.2 resistance to soldering heat

requirement:no damage

test condition: immerse test sample into molten solder( $260 \pm 5$  )to 1.2 mm from

the datum line. the dwell time shall be  $5 \pm 5$ sec.

after 30 sec interval. immerse the sample into solder( $260 \pm 5$  )for  $3 \pm 5$ sec.

### 2.6 environmental/reliability

### 2.6.1 repeated insertion/extraction

requirement:contact resistance 20m change.

test condition:when mated up to 5000cycles reeatedly by the rate of 400~600cyci  
e.  
per hour.

### 2.6.2 temperature load

requirement:30 max

test condition:carry rated current load.

### 2.6.3 heat rasistance

equirement:apperance no damage contact resistance 20m change.

test condition:85 ± 3 ,96hours.

### 2.6.4 cold resistance

requirement:apperance no damage contact resistance 20m change.

test condition: -40 ± 3 ,96hours.

### 2.6.5 temperature:

requirement:apperance no damage contact resistance 20m change.

test condition:5cycies 1)-40 30min;2)+85 30 min

### 2.6.2 salt spray

requirement:apperance no damage contact resistance 20m change.

test condition:48 ± 4hr exposure to a salt spray from the 5 ± 1% solution at 35 ± 2

本产品的加工定制是否，品牌是振锐，型号是SD-No9WG，应用范围是电脑，种类是卡座，接口类型是SD，支持卡数是单卡，读卡类型是SD，形状是矩形，制作工艺是注塑，特性是阻火/阻燃，工作频率是高频，接触件材质是cu，绝缘体材质是LCP，芯数是11，针数是11，线长是1（mm）