

SD长卡 SD长卡卡座 SD卡座 sd卡 sd卡座

产品名称	SD长卡 SD长卡卡座 SD卡座 sd卡 sd卡座
公司名称	乐清市振锐电子有限公司
价格	.00/个
规格参数	加工定制:否 品牌:国产 型号:sd-n0940
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

sd 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 ± 3 mm/min.

2.4.2 extraction force(min)

requirement:2n(0.2kgf)

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

2.4.3 contact retention(min)

requirement:3n(0.2kgf)

test condition:apply axial pull out force at 25 ± 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 ± 0.5 sec

solder temperature: 230 ± 5

2.5.2 resistance to soldering heat

requirement:no damage

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

the datum line. the dwell time shall be 5 ± 5 sec.

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

2.6 environmental/reliability

2.6.1 repeated insertion/extraction

requirement:contact resistance 20m change.

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

2.6.2 temperature load

requirement:30 max

test condition:carry rated current load.

2.6.3 heat resistance

requirement:appearance no damage contact resistance 20m change.

test condition: 85 ± 3 ,96hours.

2.6.4 cold resistance

requirement:appearance no damage contact resistance 20m change.

test condition: -40 ± 3 ,96hours.

2.6.5 temperature:

requirement:appearance no damage contact resistance 20m change.

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

2.6.2 salt spray

requirement:appearance no damage contact resistance 20m change.

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

本产品的接口类型为SD，接触件材质是黄铜，针数为11，种类是卡座，加工定制为否，形状是矩形，线长为1（mm），应用范围是电脑，型号为SD-N0940，工作频率是高频，特性为阻火/阻燃，绝缘体材质是LCP，品牌为国产，支持卡数是单卡，芯数为11，读卡类型是SD，制作工艺为冷压，