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 qiality requirements for sd pushconnector smtt
ype

2.0 requirements

2.1 materials and finish

insulator:;lcp and pa46,rates ul94v-0

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

(b) finish:selective gold(lu ” /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(lu ” /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 ω initial(100 m ω after test)maximum

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

dieltric: withstanding voltage:500vac/minute.

opetating temperature:-20°C~+60°C

storage temperature: -40°C~+70°C.

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:1000mω minimum.

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

2.3.4 contact resistance

requirement: 40mω minimum.100mω 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 apeed rate of 25±3mm/min.

2.4.2 extraction force(min)

requirement:2n(0.2kgf)

test condition:ratention connector at the apeed rate of 25±3mm/min.

2.4.3 contact retention(min)

requirement:3n(0.2kgf)

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

2.4.4 durability cycling(min)

requirement:10000cycies

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

within i hours.

2.5 solder abililty

2.5.1 solder ability

requirement:95%min

test condition:①solder time:3±0.5sec

②solder temperature:230±5°C

2.5.2 resistance to soldering heat

requirement:no damage

test condition:①immerse test sample into molten solder(260±5°C)to 1.2 mm from

the datum line. the dwell time shell be5±5sec.

②after 30 sec interval. immerse the sample into solder(260±5°C)for3±5sec.

2.6 environmental/reliabillty

2.6.1 repeated insertion/extraction

requirement:contact resistance △20mω change.

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

per hour.

2.6.2 temperature load

requirement:30°C max

test condition:carry rated current load.

2.6.3 heat rasistance

equirement:apperance no damage contact resistance △20mω change.

test condition:85±3°C,96hours.

2.6.4 cold resistance

requirement:apperance no danage contact resistance △20mω change.

test condition: -40°C±3°C,96hours.

2.6.5 temperature:

requirement:apperance no danage contact resistance △20mω change.

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

2.6.2 salt spray

requirement:apperance no danage contact resistance △20mω change.

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

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，