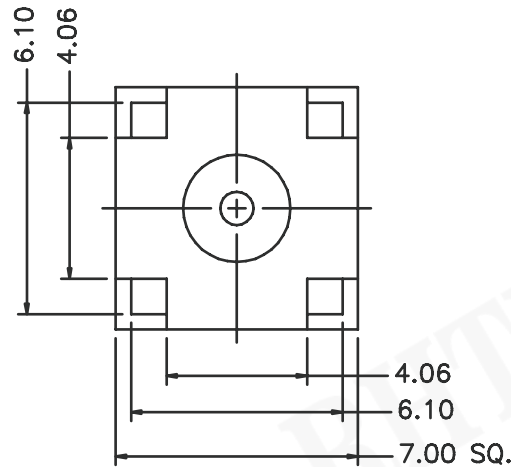


PCB MOUNTING HOLES



SMBConnectorSeries

RE-C-SMB001 SMBConnectorSeries

ElectricalSpecifications

Impedance:50Ω

FrequencyRange:0-4GHzwithlowreflection;usable to10.0GHz

VoltageRatingforRG-188/U Cable:

335voltsatsealeveland85voltsat70,000feet

DielectricWithstandingVoltage:

RG-196:750VRMS;

RG-188:1,000VRMS

VSWR: Straightconnector, RG-196/U: 1.30±0.04f(GHz)

Rightangleconnector, RG-196/U: 1.45±0.06f(GHz)

Straightconnector, RG-188/U: 1.25±0.04f(GHz)

Rightangleconnector, RG-188/U: 1.35±0.04f(GHz)

ContactResistance:

Centercontact:6.0mΩinitial, 8.0afterenvironmental;

Outercontact:1.0mΩinitial, 1.5afterenvironmental

Braidto body:1.0mΩinitial, afterenvironmentalN/A

InsulationResistance: 1,000MΩMin.

InsertionLoss: Straightconnector:0.30dB@1.5GHz

Rightangleconnector:0.60dB@1.5GHz

RFLeakage: -55dBMin.@2-3GHz

Mechanical

Mating:Snap-oncouplingperMIL-STD-348

Braid/JacketCableAffixment:Hexcrimp

CenterConductorCableAffixment:Solder

EngagementForces: Engagement:14lbsmaximum

Disengagement:2lbsminimum

Durability:500cyclesMin.

TemperatureRange:-65°Cto+165°C

Material

CenterContact:

Female:berylliumcopper, gold-plated

Male:brassorberylliumcopper, gold-plated

OuterContactPlating: Nickelorgoldplating

Body:Brassorzinc

BodyPlating:Nickelorgoldplating

Insulator:TFE

CrimpFerrule:Annealedcopperalloy

ORDER INFORMATION

ProductNO.: RE-C-SMB001

Pos.NO. _____

SMBConnector Type _____



NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE:A4

SCALE: ---

> 0 ~ 3

> 3 ~ 18

> 18 ~ 50

> 50 ~ 120

± 0.12

± 0.15

± 0.3

± 0.5



First angle projection

CONNECTOR