



Electrical Specifications.

Impedance:50Ω

Frequency Range:0-6 GHz

Voltage Rating :335 volts rms.

Dielectric Withstanding Voltage : 500 volts rms.

VSWR:1.15+0.02 f(GHz)for Straight connector typical

1.25 +0.025 f(GHz)for Right angle connector typical

Contact Resistance Center contact: 2.0mΩ

Body: 2.0mΩ

Insulation Resistance: 5,000 MΩ

Mechanical Specifications:

Mating:1/4 "-36 UNS thread coupling

Cable retention:6kgf typical

Durability:500Cycles Min.

Coupling nut retention:18kgf Min.

Temperature Range:-55°C to +155°C

Material:

Connector body: Brass per QQ-B-626 ,gold Plating or nickel

Center contact Male: Brass,gold Plating

Center contact Female: Beryllium copper,gold Plating

Insulator: PTFE

Gasket:Silicone rubber

Crimp Ferrule:Annealed copper



NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN
0~3	3~18	18~50	50~120
±0.12	±0.15	±0.3	±0.5

CHK'D BY FENG
APPR BY ZHAN

PCB Mount SMA Connector Straight (Jack,Female,50Ω)	
THIRD ANGLE PROJECTION	RHTAYMA253

