



Electrical Specifications:  
 Impedance: 50 Ω  
 Frequency Range: 0-6 GHz  
 Flexible cables: 0-12.4 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: 2.0 mΩ  
 Body: 2.0 mΩ  
 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

**RHTECP** 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 (Jack, Male,50Ω)  
 THIRD ANGLE PROJECTION  
  
 RHTAYMA006