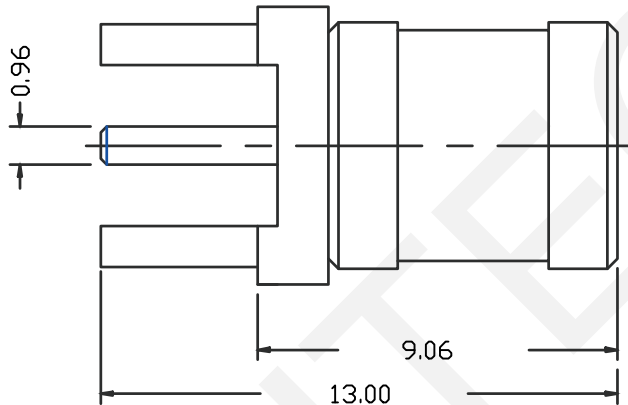
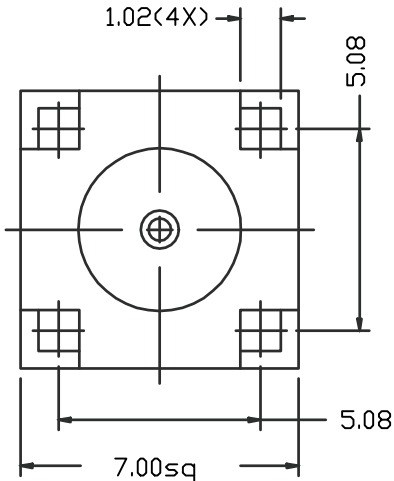


	1	2	3	4	5	6	7	8	9
A									A
B									B
C									C
D									D
E									E
F									F
G	 NINGBO RHT ELECTRONIC CO.,LTD			UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	SMB Connector Series	
				0~3	3~18	18~50	50~120	CHK'D BY FENG	THIRD ANGLE PROJECTION
				±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN	RHTAYMB002
	1	2	3	4	5	6	7	8	9



Electrical Specifications

Impedance: 50 Ω
Frequency Range: 0-4 GHz with low reflection; usable to 10.0 GHz
Voltage Rating for RG-188/U Cable:
335 volts at sea level and 85 volts at 70,000 feet
Dielectric Withstanding Voltage: RG-196: 750 VRMS;
RG-188: 1,000 VRMS
VSWR: Straight connector, RG-196/U: 1.30±0 .04 f (GHz)
Right angle connector, RG-196/U: 1.45±0 .06 f (GHz)
Straight connector, RG-188/U: 1.25±0 .04 f (GHz)
Right angle connector, RG-188/U: 1.35±0 .04 f (GHz)
Contact Resistance:
Center contact: 6.0 mΩ initial, 8.0 after environmental;
Outer contact: 1.0 mΩ initial, 1.5 after environmental
Braid to body: 1.0 mΩ initial, after environmental N/A
Insulation Resistance: 1,000 MΩ Min.
Insertion Loss: Straight connector: 0.30 dB @ 1.5 GHz
Right angle connector: 0.60 dB @ 1.5 GHz
RF Leakage: -55 dB Min. @ 2-3 GHz
Mechanical
Mating: Snap-on coupling per MIL-STD-348
Braid/Jacket Cable Affixment: Hex crimp
Center Conductor Cable Affixment: Solder
Engagement Forces: Engagement: 14 lbs maximum
Disengagement: 2 lbs minimum
Durability: 500 cycles Min.
Temperature Range: - 65°C to +165°C
Material
Center Contact:
Female: beryllium copper, gold-plated
Male: brass or beryllium copper, gold-plated
Outer Contact Plating: Nickel or gold plating
Body: Brass or zinc
Body Plating: Nickel or gold plating
Insulator: TFE
Crimp Ferrule: Annealed copper alloy