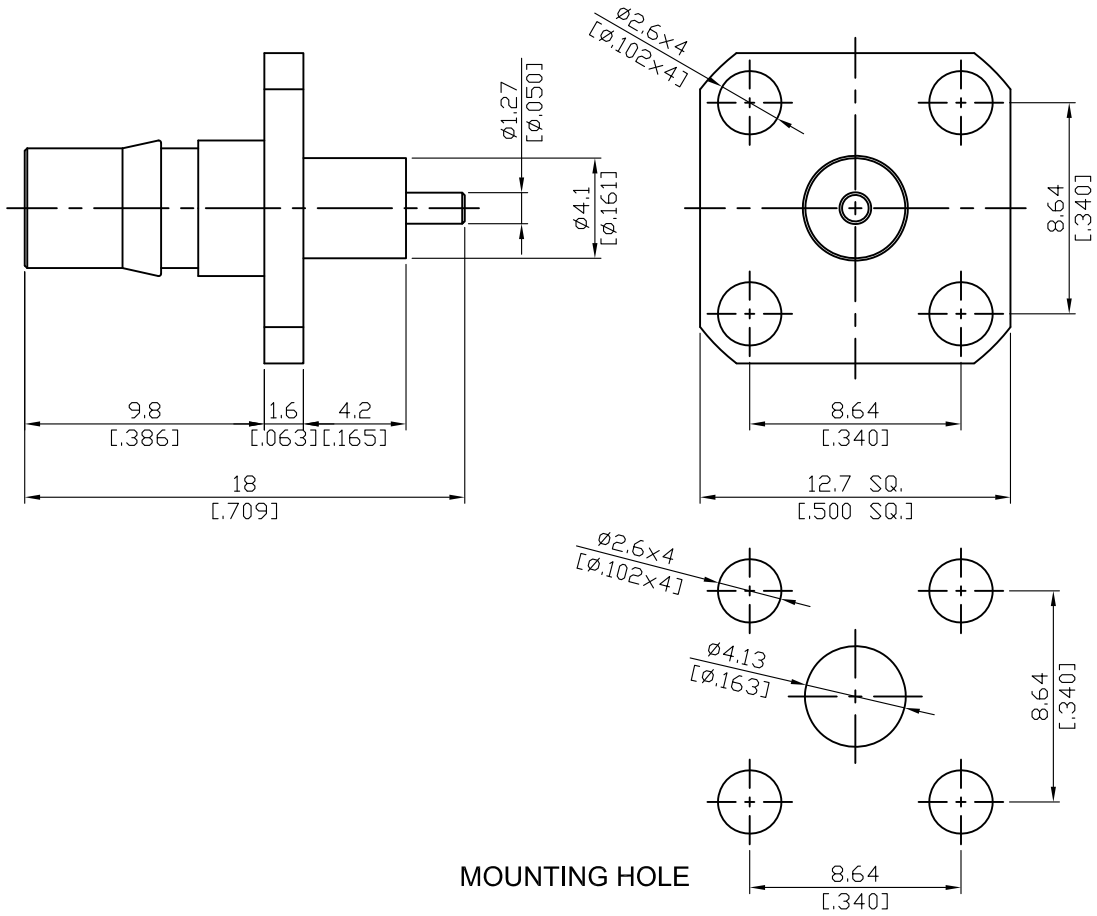


QMA864H-0000	QMA Jack SQ 12.7mm 4 Hole Flange With Round Contact ($\phi 1.27$; L=2.4), PTFE L=4.2; 6GHz VSWR 1.12& 18GHz VSWR 1.2	50 Ω
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Parts	Material	Plating (Micro-inch)
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

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This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

Description	QMA864H-0000
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Electrical Data</div>	
Impedance	50Ω
Frequency Range	DC to 18GHz
VSWR	≤ 1.12(6GHz); ≤ 1.2(18GHz)
Insertion Loss	≤ 0.05 x √f(GHz) dB
Insulation Resistance	≥ 5000MΩ
Contact Resistance Inner Conductor	≤ 3mΩ
Contact Resistance Outer Conductor	≤ 2.5mΩ
Dielectric Withstanding Voltage (at sea level)	1000 V rms, 50Hz
Working Voltage (at sea level)	480 V rms, 50Hz
RF Leakage	≥ 80dB to 3GHz; 70dB to 6GHz
Passive Intermodulation	≤ 120dBc at 1.8Ghz, 2x20W
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Mechanical Data</div>	
Engagement Force (typical)	5.6 lbs
Disengagement Force (typical)	4.5 lbs
Retention Force for Interface	≥ 13.5 lbs
Durability (mating)	≥ 100
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Environmental Data</div>	
Temperature Range	-40°C to +85°C
Thermal Shock	IEC 60169-1 16.4 (-40°C to +85°C)
Corrosion Resistance	IEC 60169-1 16.7 (48hrs)
Damp Heat	IEC 60169-1 19.3 (96hrs) steady state
RoHS	Compliant

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QMA864H-0000

