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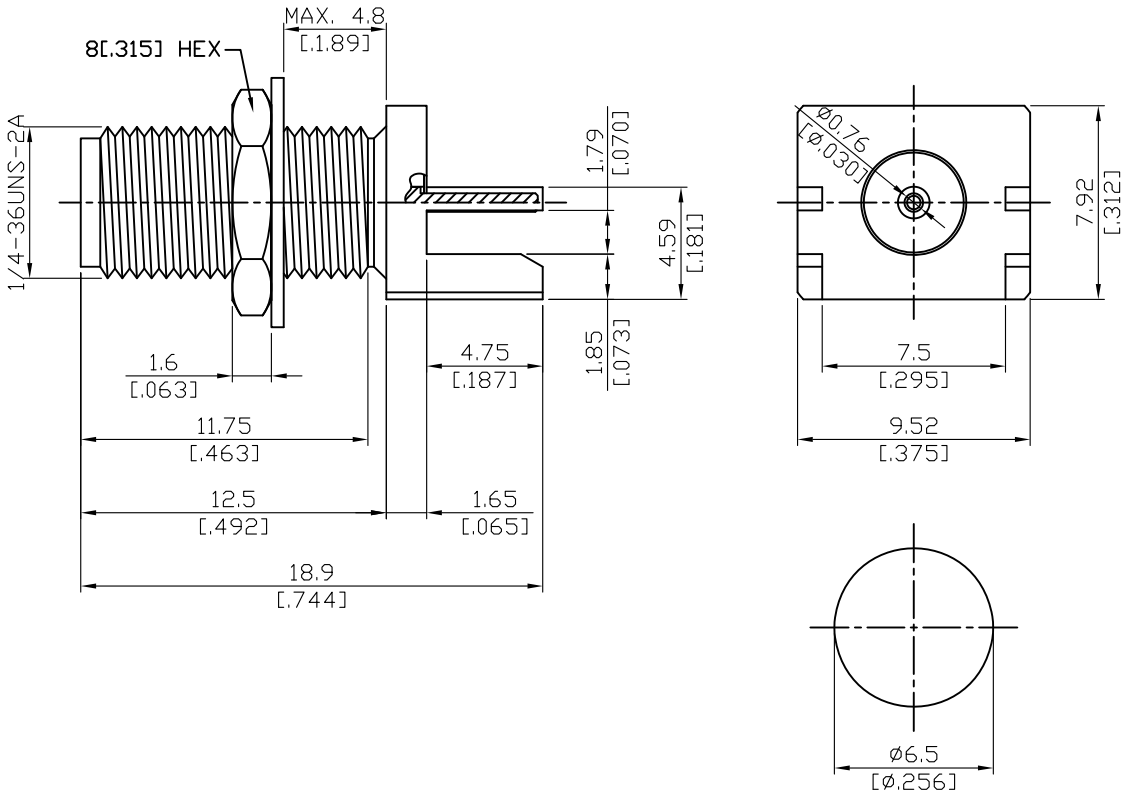
SMA8433E-0000	SMA jack PCB mount for bulkhead end launch (T=1.79) with round contact (Φ0.76); 18GHz VSWR1.2	50Ω



MOUNTING HOLE

Parts	Material	Plating (Micro-inch)
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Lock Washer	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Hex Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

This part number complies with RoHS.

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SMA	SMA8433E-0000
Interface	
MIL-STD-348B	
Mechanically compatible with	2.92 & 3.5
Electrical Data	
Impedance	50Ω
Frequency range	DC to 18GHz
VSWR	≦1.2 (DC to 18GHz)
Insertion loss	≦0.04 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≧5000MΩ
Contact resistance inner conductor	≦3mΩ
Contact resistance outer conductor	≦2mΩ
Dielectric withstanding voltage (at sea level)	1500 V rms
Working voltage (at sea level)	500 V rms
Mechanical Data	
Recommended coupling nut torque	4 inch lbs
Coupling proof torque	5.3 inch lbs
Contact Captivation-axial	≧6.1 lbs
Durability (mating)	≧100
Environmental Data	
Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant
Tooling	

SMA8433E-0000