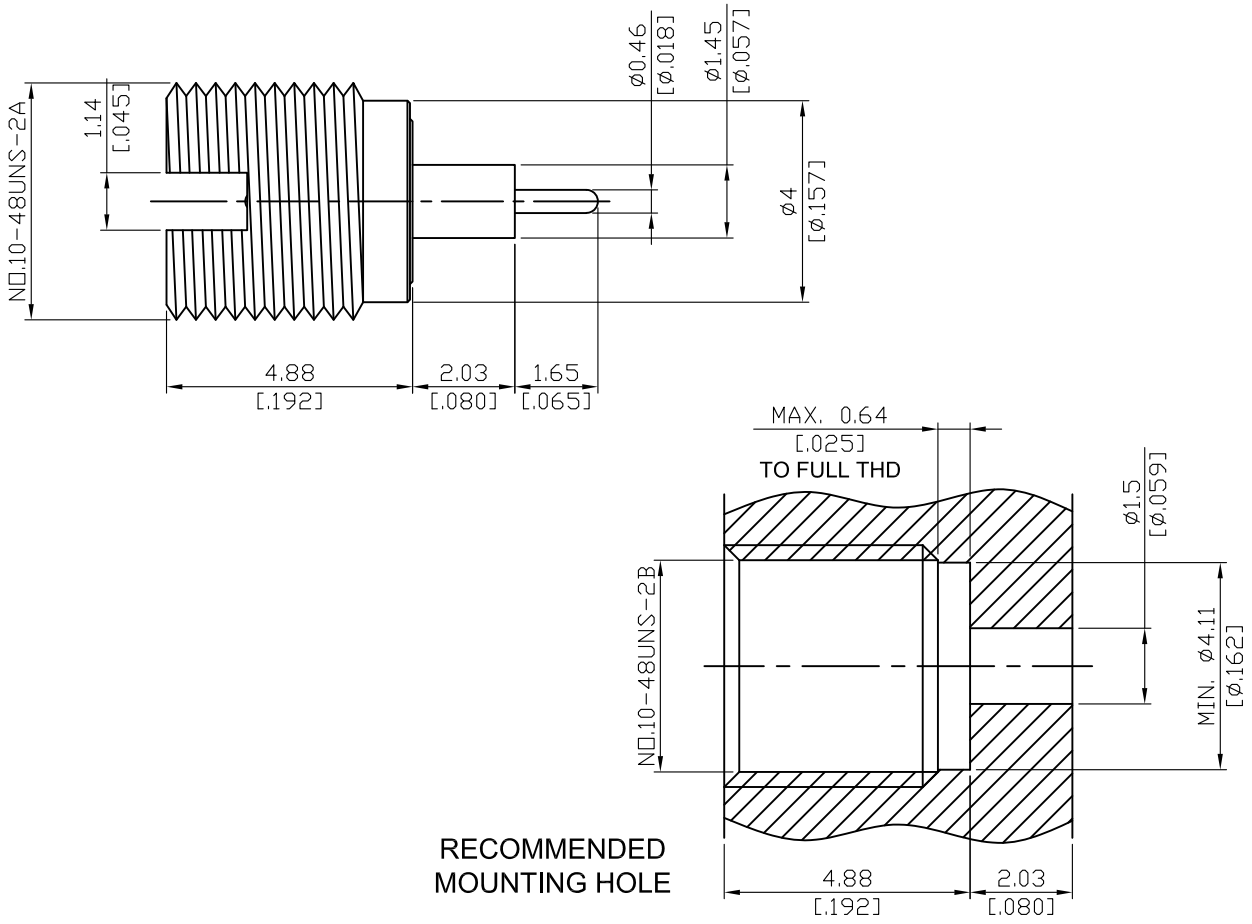
勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw

SMP3500S1-SB46	SMP plug smooth bore screw in shroud with round contact (Φ0.46;L=1.65), PTFE L=2.03; 27GHz VSWR1.25; 40GHz VSWR 1.35	50Ω



Parts	Material	Plating (Micro-inch)
Body	Stainless Steel	Passivated
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Ferrule	Stainless Steel	Passivated

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SMP	SMP3500S1-SB46

Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 40GHz
VSWR	≦1.25 (DC to 27GHz);≦1.35 (27-40GHz)
Insertion loss	≦.06 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≧5000 MΩ
Contact resistance inner conductor	≦6mΩ
Contact resistance outer conductor	≦2mΩ
Dielectric withstanding voltage (at sea level)	500
Working Voltage (at sea level)	335
RF-Leakage	≧80dB (3GHz); ≧65dB (3~26.5GHz)

Mechanical Data

	Full Detent	Limited Detent	Smooth bore & catchers mit	
Engagement force	≦15	≦10	≦2	lbs
Disengagement force	≧5	≧2	≧0.5	lbs
Durability (mating)	≧100	≧500	≧1000	
Axial misalignment	+ 0.00 / -0.25 (+.000 / -.010)			
Radial misalignment	±0.25 (0.010)			

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