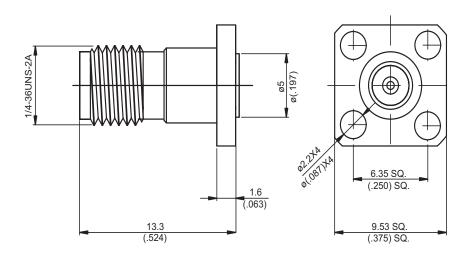


PC3.5-8F46F-0036

## 3.5mm Field Replaceable Jack, Square 9.52mm (.375inch) 4 Hole Flange With EMI Gasket, Accepts $\phi$ 0.91mm (.036inch) pin; 27GHz VSWR 1.15

50Ω



	Parts	Material	Plating (Micro-inch)
	Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
	EMI Gasket	Condvctive Silicon Elastomers	
Ī	Insulator	PPO	
•	Body	Stainless Steel	Passivated

Weight:

This part number complies with RoHS.

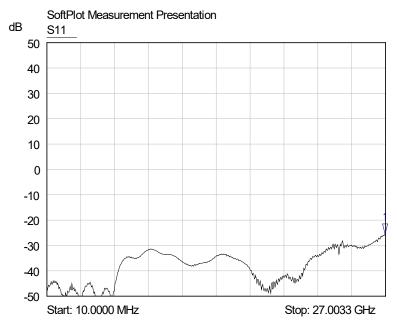
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

3.5	PC3.5-8F46F-0036
Interface	
IEC 60169-23	
Mechanically compatible with	2.92 & SMA
Electrical Data	
Impedance	50Ω
Frequency range	DC to 27GHz
VSWR	$\leq$ 1.15 (DC to 27GHz)
Insertion loss	$\leq$ 0.03 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≥5000MΩ
Contact resistance inner conductor	≤3m $Ω$
Contact resistance outer conductor	≦2mΩ
Dielectric withstanding voltage (at sea level)	1000 V rms
Working voltage (at sea level)	335 V rms
RF leakage	$\geq$ 100dB to 1GHz
Mechanical Data	
Recommended coupling nut torque	7.1 to 9.7 inch lbs
Coupling proof torque	15 inch lbs
Coupling nut retention force	≧60.7 lbs
Contact captivation-axial	≧6.1 lbs
Durability (mating)	≥500
Environmental Data	
Temperature range	-55°C to +105°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	

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

## PC3.5-8F46F-0036 (tested back to back)

S11



1 S11 ∇ 26.9533 GHz -25.48 dB