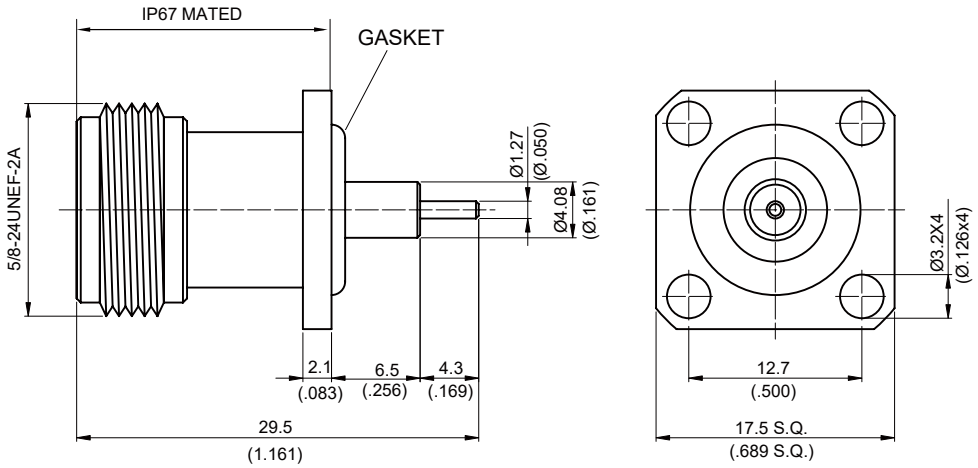
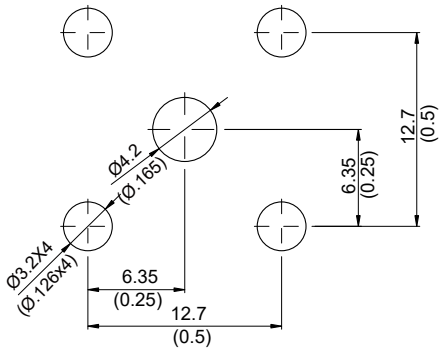
N864LS-0000	**N Jack SQ 17.5mm 4 Hole Flange With Round Contact (Φ1.27;L=4.3), PTFE L=6.5; IP67 Mated; 18GHz VSWR 1.25**	**50Ω**



MOUNTING HOLE :



Parts	Material	Plating (Micro-inch)
Gasket	Silicon	
Body	Stainless	Passivated
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	

Weight: 16.42 g

This part number complies with RoHS.

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

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N	N864LS-0000

Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 18GHz
VSWR	≦1.25 (DC to 18GHz)
Insertion loss	$\leqq 0.05 \times \sqrt{f(GHz)}$ dB
Insulation resistance	≧5000MΩ
Contact resistance inner conductor	≦1.5mΩ
Contact resistance outer conductor	≦1mΩ
Dielectric withstanding voltage (at sea level)	2500 V rms
Working voltage (at sea level)	1000 V rms

Mechanical Data

Recommended coupling nut torque	6 to 10 inch lbs
Coupling proof torque	15 inch lbs
Contact captivation-axial	≧6.3 lbs
Durability (mating)	≧500

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

N864LS-0000

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