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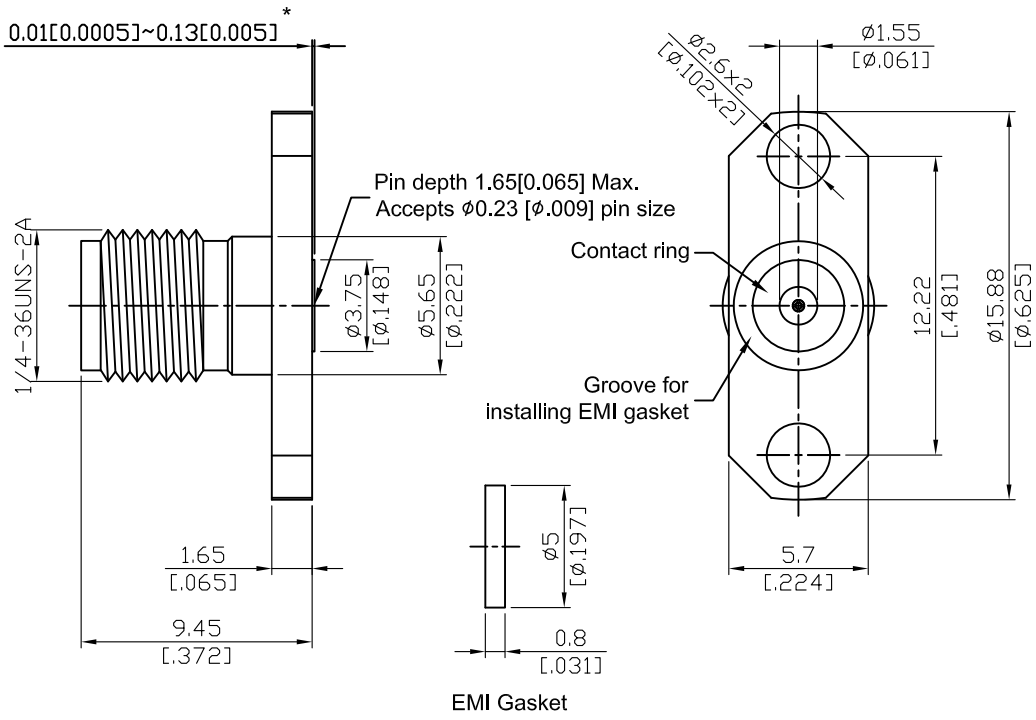
SMA8F26EA-GA09	SMA Field Replaceable Jack ϕ 15.88mm (.625inch) 2 Hole Flange With EMI Gasket Accepts ϕ0.23mm (.009inch) pin 27GHz VSWR 1.15	50Ω



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
Contact Ring	Stainless Steel	Passivated
EMI Gasket	Conductive Silicone Elastomers	

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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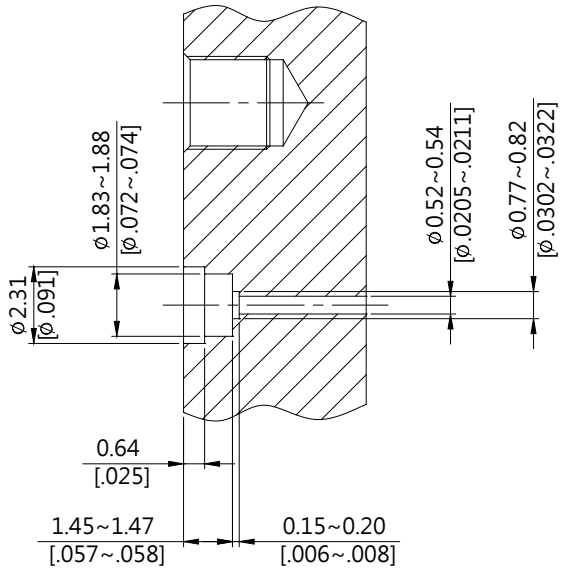
SMA	SMA8F26EA-GA09
Interface	
MIL-STD-348B	
Mechanically compatible with	2.92 & 3.5
Electrical Data	
Impedance	50Ω
Frequency range	DC to 27GHz
VSWR	≦1.15 (DC to 27GHz)
Insertion loss	$\leqq 0.04 \times \sqrt{f(GHz)}$ dB
Insulation resistance	≧5000MΩ
Contact resistance inner conductor	≦3mΩ
Contact resistance 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	7 to 9.5 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	-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
Accessories	
Hermetic seal	FR009-SEAL1
Launch pin & Dielectric transition	FR009-LAUNCH1; FR009-LAUNCH2
Tab pin & Dielectric transition	FR009-TAB2; FR009-TAB3
Tab pin	FR009-TAB1

Recommended Launch Hole Dimensions：

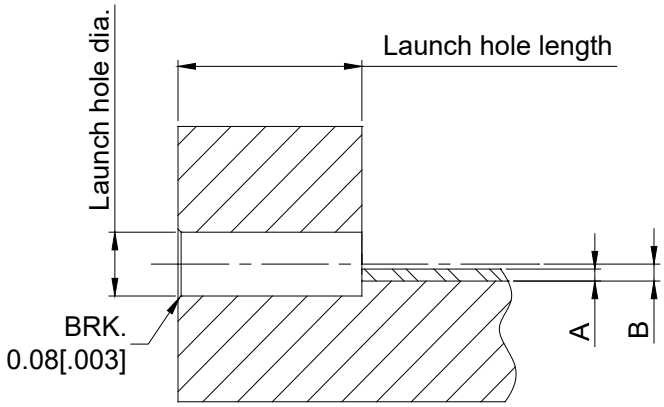
1. Using Hermetic seals



Hermetic seal P/N

FR009-SEAL1

2. Using dielectric with Tab or Launch pin

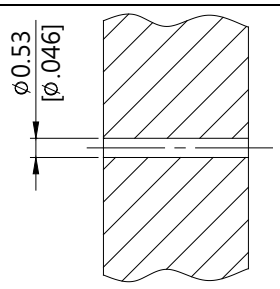


"A" = Substrate thickness

"B" = A + 1/2 Tab or Launch terminal

Dielectric and Tab/ Launch pin P/N	Recommended Launch hole dia.	Recommended Launch hole length
FR009-LAUNCH1	ϕ0.74 (.029)	4.75 (.187)
FR009-LAUNCH2	ϕ0.74 (.029)	3.18 (.125)
FR009-TAB2	ϕ0.74 (.029)	3.18 (.125)
FR009-TAB3	ϕ0.74 (.029)	4.75 (.187)

3. Using Tab pin



Tab pin P/N

FR009-TAB1

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