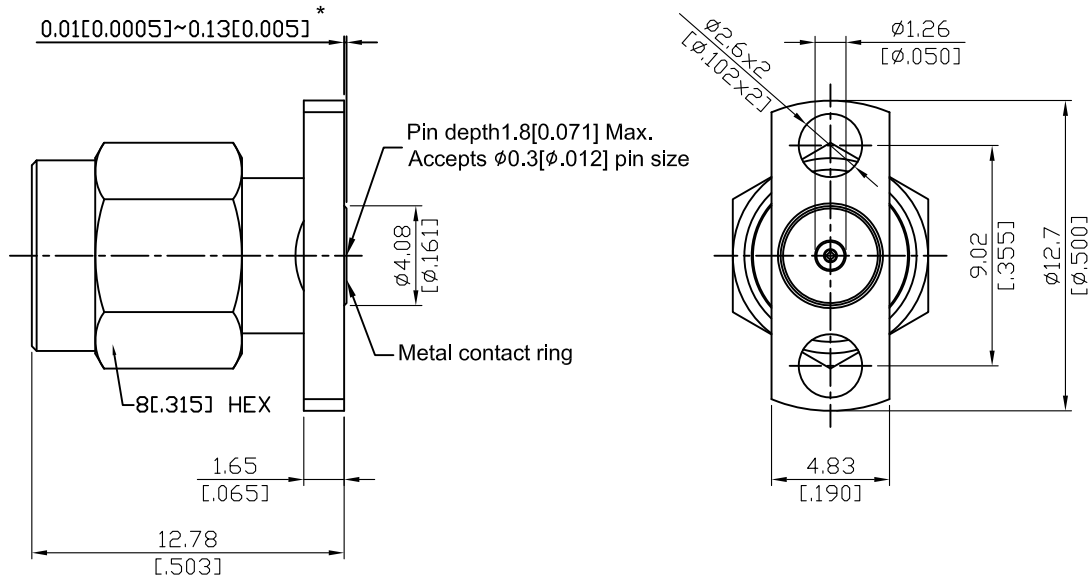


K3F26B-EM12	2.92mm Field Replaceable Plug, Φ12.7mm (.500inch) 2 Hole Flange With Metal Ring, Accepts Φ0.3mm (.012inch) Pin,40GHz VSWR 1.15	50Ω
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*360° Raised Metal Contact Ring

Parts	Material	Plating (Micro-inch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Metal Contact Ring	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Stainless Steel	Passivated
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50

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

K	K3F26B-EM12
<div data-bbox="113 327 513 376" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B Mechanically compatible with 3.5 & SMA</p>	
<div data-bbox="113 490 513 539" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω Frequency range DC to 40GHz VSWR ≤ 1.15 (DC to 40GHz) Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 3\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 750 V rms Working Voltage (at sea level) 250 V rms RF leakage $\geq 100\text{dB}$ to 1GHz</p>	
<div data-bbox="113 1084 513 1133" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended coupling nut torque 11.47 inch lbs Coupling proof torque 15 inch lbs Contact Captivation-axial ≥ 4.9 lbs Durability (mating) ≥ 500</p>	
<div data-bbox="113 1391 513 1440" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature range -40°C to +165°C Thermal shock MIL-STD-202, Method 107, Condition B Moisture resistance MIL-STD-202, Method 206 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant</p>	
<div data-bbox="113 1744 513 1794" style="border: 1px solid black; padding: 2px;">Accessories</div> <p>Hermetic seal FR012-SEAL1; FR012-SEAL2; SEAL.012 Launch pin & Dielectric transition FR012-LAUNCH1; FR012-LAUNCH2 Tab pin & Dielectric transition FR012-TAB2; FR012-TAB3 Tab pin FR012-TAB1</p>	

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

Recommended Launch Hole Dimensions :

1. Using Hermetic seals



Hermetic seal P/N

SEAL.012

FR012-SEAL1

FR012-SEAL2

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
FR012-LAUNCH1	$\phi 0.99 (.039)$	4.75 (.187)
FR012-LAUNCH2	$\phi 0.99 (.039)$	3.18 (.125)
FR012-TAB2	$\phi 0.99 (.039)$	3.18 (.125)
FR012-TAB3	$\phi 0.99 (.039)$	4.75 (.187)

3. Using Tab pin



Tab pin P/N

FR012-TAB1