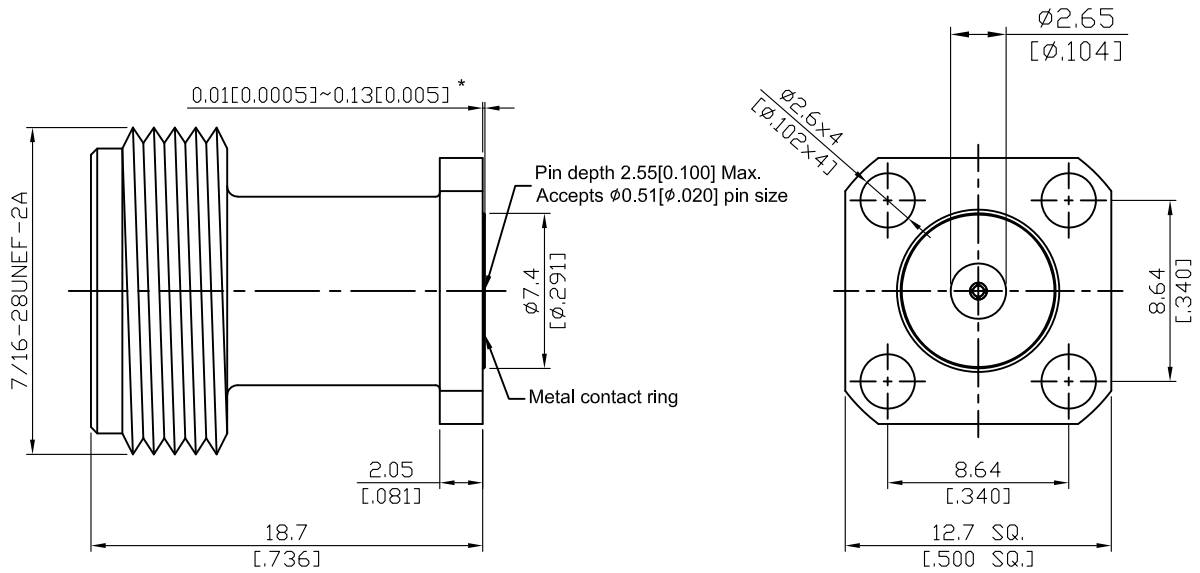


N8F46EC-EM20	N Field Replaceable Jack, SQ 12.7mm(.500inch) 4 Hole Flange With Metal Ring, Accepts $\phi 0.51\text{mm}(\phi .020\text{inch})$ pin, 18GHz VSWR 1.2	50 Ω
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* 360° Raised metal contact ring

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

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This part number complies with RoHS.

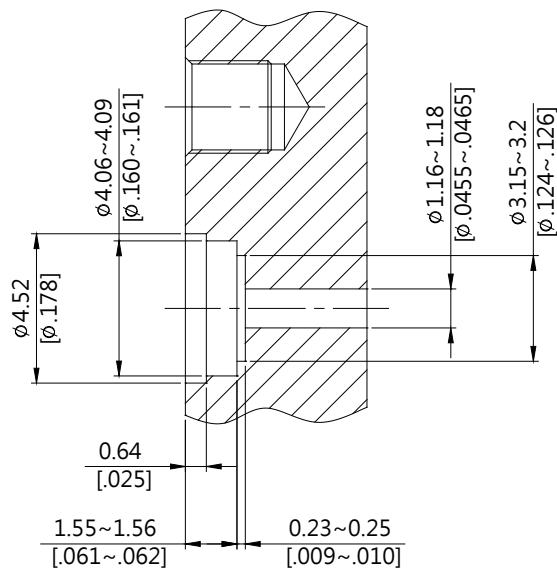
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N8F46EC-EM20																		
<div data-bbox="167 344 568 394" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B</p>																			
<div data-bbox="167 510 568 560" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Impedance</td> <td>50Ω</td> </tr> <tr> <td>Frequency range</td> <td>DC to 18GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.2 (DC to 18GHz)</td> </tr> <tr> <td>Insertion loss</td> <td>≤ 0.05 x √f(GHz) dB</td> </tr> <tr> <td>Insulation resistance</td> <td>≥ 5000MΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td>≤ 1.5mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td>≤ 1mΩ</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td>2500 V rms</td> </tr> <tr> <td>Working voltage (at sea level)</td> <td>1000 V rms</td> </tr> </table>		Impedance	50Ω	Frequency range	DC to 18GHz	VSWR	≤ 1.2 (DC to 18GHz)	Insertion loss	≤ 0.05 x √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
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<div data-bbox="167 1765 568 1814" style="border: 1px solid black; padding: 2px;">Accessories</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Hermetic seal</td> <td>SEAL.02</td> </tr> <tr> <td>Launch pin & Dielectric transition</td> <td>FR020-LAUNCH1; FR020-LAUNCH2</td> </tr> <tr> <td>Tab pin & Dielectric transition</td> <td>FR020-TAB2; FR020-TAB3</td> </tr> <tr> <td>Tab pin</td> <td>FR020-TAB1; FRPIN.02</td> </tr> </table>		Hermetic seal	SEAL.02	Launch pin & Dielectric transition	FR020-LAUNCH1; FR020-LAUNCH2	Tab pin & Dielectric transition	FR020-TAB2; FR020-TAB3	Tab pin	FR020-TAB1; FRPIN.02										
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Recommended Launch Hole Dimensions :

1. Using Hermetic seals



Hermetic seal P/N

SEAL.02

2. Using dielectric with Tab or Launch pin

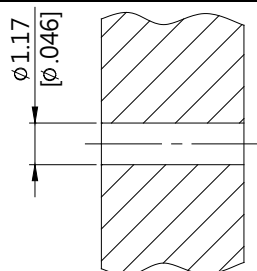


"A" = Substrate thickness

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

Dielectric and Tab/Launch pin P/N	Recommended Launch hole dia.	Recommended Launch hole length
FR020-LAUNCH1	ϕ 1.63 (.064)	4.75 (.187)
FR020-LAUNCH2	ϕ 1.63 (.064)	3.18 (.125)
FR020-TAB2	ϕ 1.63 (.064)	4.75 (.187)
FR020-TAB3	ϕ 1.63 (.064)	3.18 (.125)

3. Using Tab pin



Tab pin P/N

FR020-TAB1

FRPIN.02