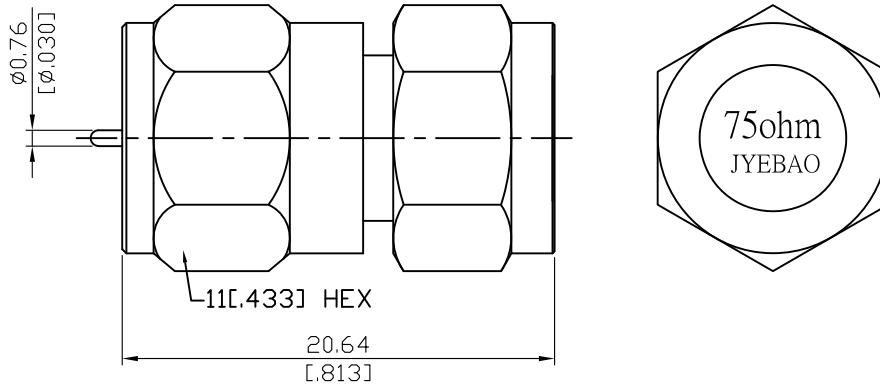


F3900-0001	0.5 Watt 75ohm F Plug Termination 1GHz VSWR 1.2	75Ω
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0.5 W Average Power From -40°C to +70°C Linearly Derated To 0.25 Watt at 165°C

Parts	Material	Plating (Micro-inch)
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	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.

F	F3900-0001																		
<div data-bbox="113 327 513 376" style="border: 1px solid black; padding: 2px;">Interface</div> <p>IEC 61169-24</p>																			
<div data-bbox="113 490 513 539" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Impedance</td> <td style="width: 50%;">75Ω</td> </tr> <tr> <td>Frequency range</td> <td>DC to 1GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.2 (DC to 1GHz)</td> </tr> <tr> <td>Insertion loss</td> <td>≤ 0.1dB at 1GHz; ≤ 0.2dB at 2GHz; ≤ 0.3dB at 3GHz</td> </tr> <tr> <td>Insulation resistance</td> <td>≥ 10000MΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td>≤ 5mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td>≤ 2.5mΩ</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td>1500 V rms</td> </tr> <tr> <td>Working Voltage (at sea level)</td> <td>500 V rms</td> </tr> </table>		Impedance	75Ω	Frequency range	DC to 1GHz	VSWR	≤ 1.2 (DC to 1GHz)	Insertion loss	≤ 0.1dB at 1GHz; ≤ 0.2dB at 2GHz; ≤ 0.3dB at 3GHz	Insulation resistance	≥ 10000MΩ	Contact resistance inner conductor	≤ 5mΩ	Contact resistance outer conductor	≤ 2.5mΩ	Dielectric withstanding voltage (at sea level)	1500 V rms	Working Voltage (at sea level)	500 V rms
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<div data-bbox="113 1485 513 1534" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Temperature range</td> <td style="width: 50%;">-55°C to +165°C</td> </tr> <tr> <td>Thermal shock</td> <td>MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td>Moisture resistance</td> <td>MIL-STD-202, Method 106</td> </tr> <tr> <td>Corrosion</td> <td>MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td>Compliant</td> </tr> </table>		Temperature range	-55°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								
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<div data-bbox="113 1839 513 1888" style="border: 1px solid black; padding: 2px;">Tooling</div>																			