

SMP3500S2-FD38	GAD'D'i [ : i ~8 YhYbhGWYk 'b'G\ fci X'K ]R 'Fci bX' 7 cbHJWifl \$" , a /@ &") ( a L' &7; < n'JGK F '% )	50Ω												
<p>Technical drawing of the SMP3500S2-FD38 component. The drawing includes three views: a top view of the hexagonal body, a side view of the contact pin assembly, and a mounting hole detail.</p> <ul style="list-style-type: none"> <li><b>Top View:</b> Shows a hexagonal body with a diameter of 6.35 HEX (.250 HEX). The distance across the corners is Ø6.99 (Ø.275).</li> <li><b>Side View:</b> Shows the contact pin assembly with a length of 1.52~1.57 (.060~.062). The pin has a radius (R/P) and a diameter of Ø0.38 (Ø.015). The pin is secured with a square cut. The distance from the base to the start of the pin is 1.25 (.049), and the total length of the pin assembly is 4.8 (.189). The distance from the base to the end of the pin is 2.54 (.100).</li> <li><b>Mounting Hole:</b> Shows a circular hole with a diameter of Ø4.75 (Ø.163) and a thread specification of NO. 10-32UNF-2B.</li> </ul>														
<table border="1"> <thead> <tr> <th>Parts</th> <th>Material</th> <th>Plating (Micro-inch)</th> </tr> </thead> <tbody> <tr> <td>Insulator</td> <td>Teflon</td> <td></td> </tr> <tr> <td>Body</td> <td>Beryllium Copper</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <tr> <td>Contact Pin</td> <td>Beryllium Copper</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> </tbody> </table>			Parts	Material	Plating (Micro-inch)	Insulator	Teflon		Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
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<p>This part number complies with RoHS.          Notice: JYEBAO reserves the right to make modifications deemed appropriate.</p>														

SMP	SMP3500S2-FD38			
<div style="border: 1px solid black; padding: 2px;">Interface</div> MIL-STD-348B				
<div style="border: 1px solid black; padding: 2px;">Electrical Data</div> Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working Voltage (at sea level) RF-Leakage	50Ω DC to 27GHz ≤ 1.35 (DC to 27GHz) ≤ .06 x √f(GHz) dB ≥ 5000 MΩ ≤ 6mΩ ≤ 2mΩ 500 335 ≥ 80dB (3GHz); ≥ 65dB (3~26.5GHz)			
<div style="border: 1px solid black; padding: 2px;">Mechanical Data</div> Engagement force Disengagement force Durability (mating) Axial misalignment Radial misalignment	Full Detent	Limited Detent	Smooth bore & catchers mit	
	≤ 15	≤ 10	≤ 2	lbs
	≥ 5	≥ 2	≥ 0.5	lbs
	≥ 100	≥ 500	≥ 1000	
	+ 0.00 / -0.25 (+.000 / -.010)			
	±0.25 (0.010)			
<div style="border: 1px solid black; padding: 2px;">Environmental Data</div> Temperature range Thermal shock Moisture resistance Corrosion RoHS	-65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant			
<div style="border: 1px solid black; padding: 2px;">Tooling</div>				

# SMP3500S2-FD38

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