



## C503-XX 2.4/Male to 2.4/Female 50 GHZ 2 Watt Attenuator

Rev 000

<b>Electrical</b>	
Frequency	DC-50 GHZ
VSWR	1.30 Max
Impedance	50 Ohms
<b>Mechanical</b>	
2.4 Interface per	MIL-STD-348B
Operating Temperature	-55°C to +100°C
<b>Materials</b>	
Body	Passivated Stainless Steel
Contacts	BeCu
Contact Plating	Au 50μ" Min
ROHS Compliant	



<b>Power Handling</b>	
Average	2 Watts at 25°C; derated linearly to 0.5 Watts at 125°C

<b>Attenuation Accuracy (Max)</b>			
1-3 dB	6 dB	10 dB	20-30 dB
-0.5/+0.9	-0.7/+1.0	±0.8	-0.9/+1.0

<p style="text-align: center;"><b>Outline</b></p> <p style="text-align: center;">.64"</p> <p>Dimensional Tolerances</p> <table border="1"> <tr> <td>.X</td> <td>±.030</td> </tr> <tr> <td>.XX</td> <td>±.010</td> </tr> <tr> <td>.XXX</td> <td>±.005</td> </tr> </table>	.X	±.030	.XX	±.010	.XXX	±.005	<b>Related Links</b>			
	.X	±.030								
	.XX	±.010								
	.XXX	±.005								
	<b>Typical Data</b>		<b>Product Page</b>							
C503-1	C503-10	C503-1	C503-10							
C503-2	C503-20	C503-2	C503-20							
C503-3	C503-30	C503-3	C503-30							
C503-6		C503-6								