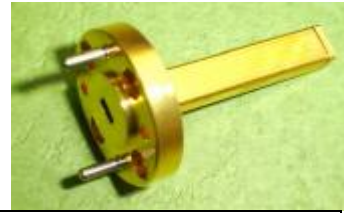


## Waveguide Termination

Part No: VT740WL1.15PC



<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide Type	WR12
1.2	Flange Type	FUGP740 (UG387)
1.3	Material	Copper/Brass
1.4	Finish	Gold plating
<b>2.0 Electrical Specifications</b>		
2.1	Frequency Range	60.5-91.9 GHz
2.2	VSWR (Max)	1.15
2.3	Power handling	1 W (CW)
<b>3.0 Outline Drawings</b>		
<p>Technical drawings showing dimensions and specifications for the Waveguide Termination component.</p> <p>Dimensions and Specifications:</p> <ul style="list-style-type: none"> <li>Outer Diameter: <math>\varnothing 19.1</math></li> <li>Inner Diameter: <math>\varnothing 9.525 \pm 0.12</math></li> <li>Waveguide Pin Length: 4</li> <li>Flange Thickness: <math>0.762 \pm 0.03</math></li> <li>Outer Diameter (Flange): <math>\varnothing 14.3</math></li> <li>Inner Diameter (Flange): <math>3.0988 \pm 0.0127</math></li> <li>Chamfer: <math>0.38 \times 45^\circ</math></li> <li>Location Pin: <math>2 - \varnothing 1.56 \begin{matrix} 0 \\ -0.0127 \end{matrix}</math></li> <li>Screw: <math>4 - 40\text{UNC} - 2\text{B}</math>, <math>\varnothing 3.556 \times 0.762</math> (Countersink)</li> <li>Chamfered Edge: <math>2 - \varnothing 1.7 \begin{matrix} +0.03 \\ 0 \end{matrix}</math>, <math>0.38 \times 45^\circ</math> (Chamfer)</li> </ul>		



## Revision History

Date	Revision	Changes
26-Mar-2006	1	First release

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