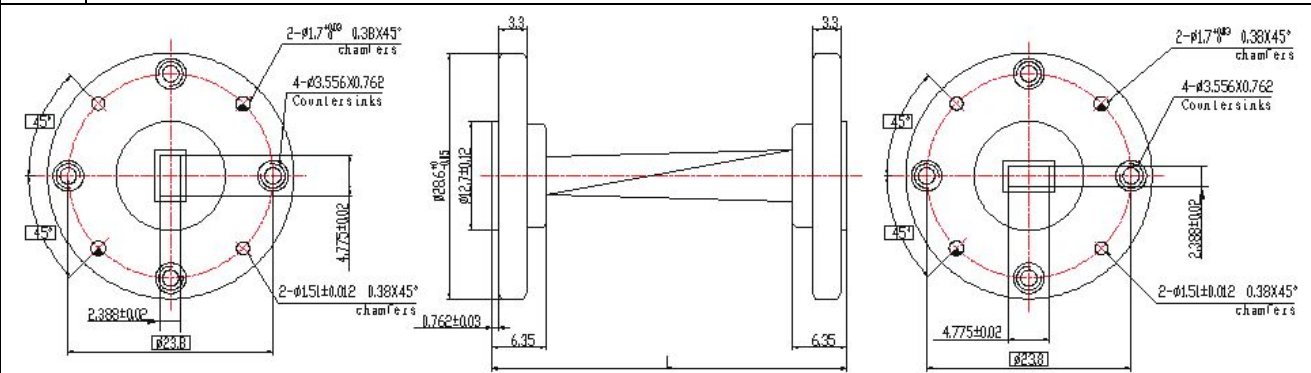


## Waveguide Twist

Part No: VT500WTA50PPC

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide type	WR19
1.2	Flange type	FUGP500
1.3	Material	Copper
1.4	Finish	Gold plating
1.5	Length	L=50 mm
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency Range	39.2-59.6 GHz
2.2	VSWR (Max)	1.15
<b>3.0</b>	<b>Outline Drawings</b>	
 <p>The drawing shows three views of the Waveguide Twist assembly. The front and back views are circular flanges with a central rectangular slot. Key dimensions include a diameter of 82.8, a central slot width of 2.388±0.02, and a distance from the center to the slot edge of 4.775±0.02. There are four countersinks of size #3.556X0.762 and two chamfers of size #1.7±0.02 with a 0.38X45° angle. The side view shows a length of 6.35 and a diameter of 82.8. The drawing also indicates a chamfer of 2-#1.5±0.012 with a 0.38X45° angle and a chamfer of 2-#1.7±0.02 with a 0.38X45° angle.</p>		



## Revision History

Date	Revision	Changes
25-Mar-2006	1	First release

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