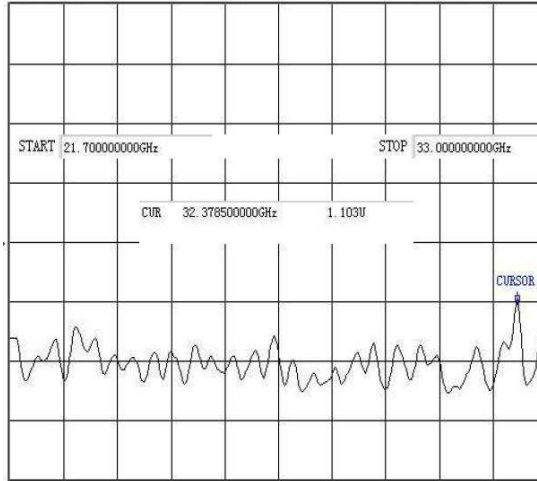


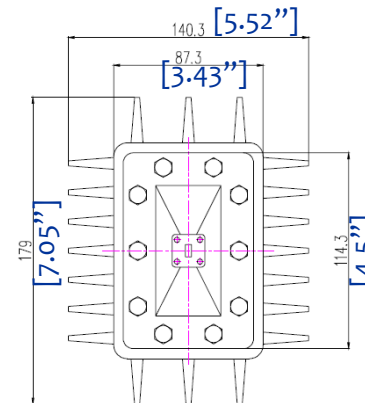
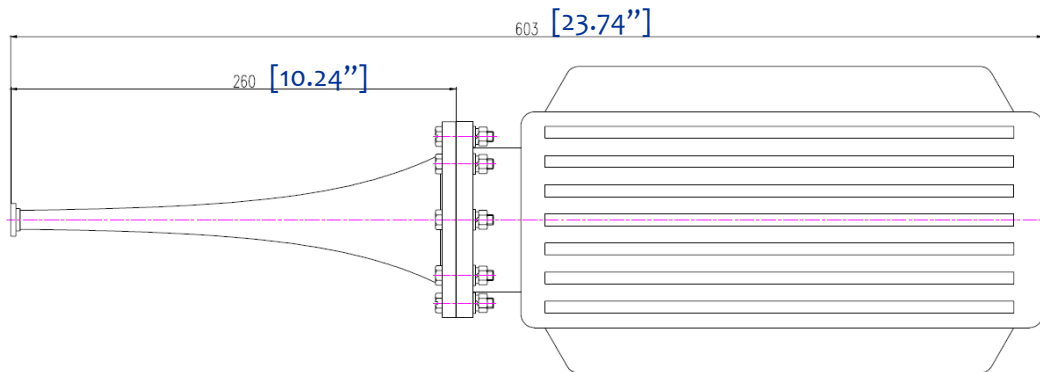
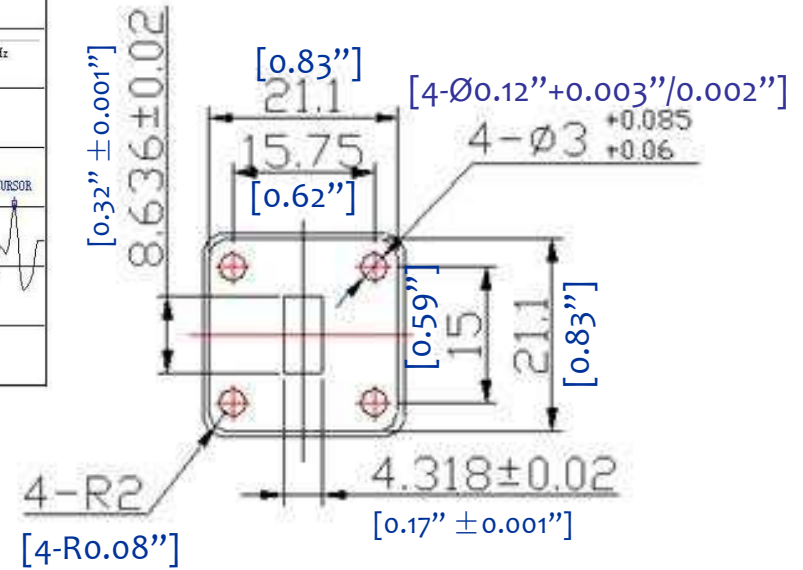
# WR34 WAVEGUIDE 500W HIGH POWER TERMINATION – RFWT34D


1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR34
1.2	Flange type	UG-COVER/GROOVE or, COVER
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Copper
1.5	Internal Body Finish	Silver Plating
1.6	External Body Finish	Corrosion protected with black Paint, outdoor application fully sealed with corrosion coating.

2.0 Environment specifications		
2.1	Operation Temp.	-40°C~+70°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	10,000 ft (Pressurized condition)
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msec



3.0 Electrical Specifications		
3.1	Frequency Range	21.7~33GHz
3.2	Average Power	500W (CW)
3.3	VSWR	1.25:1 (max)



PAGE 1 OF 1		DATE Jan 21 <sup>st</sup> 2009
<small>PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITINGS BY RF-LAMBDA. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PARTIES AND SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY</small>		
 <b>RFWT34D WAVEGUIDE TERMINATION</b>		DESIGN RFPC  RF-LAMBDA RFPC
CAD MODEL REVISION 13 ASSEMBLY REVISION VS4D5 ASSEMBLY NAME RFLVR05 DRAWING NUMBER D05-1		
www.rflambda.com <b>RF-LAMBDA</b>		SIZE LT SHEETS 1 OF 1