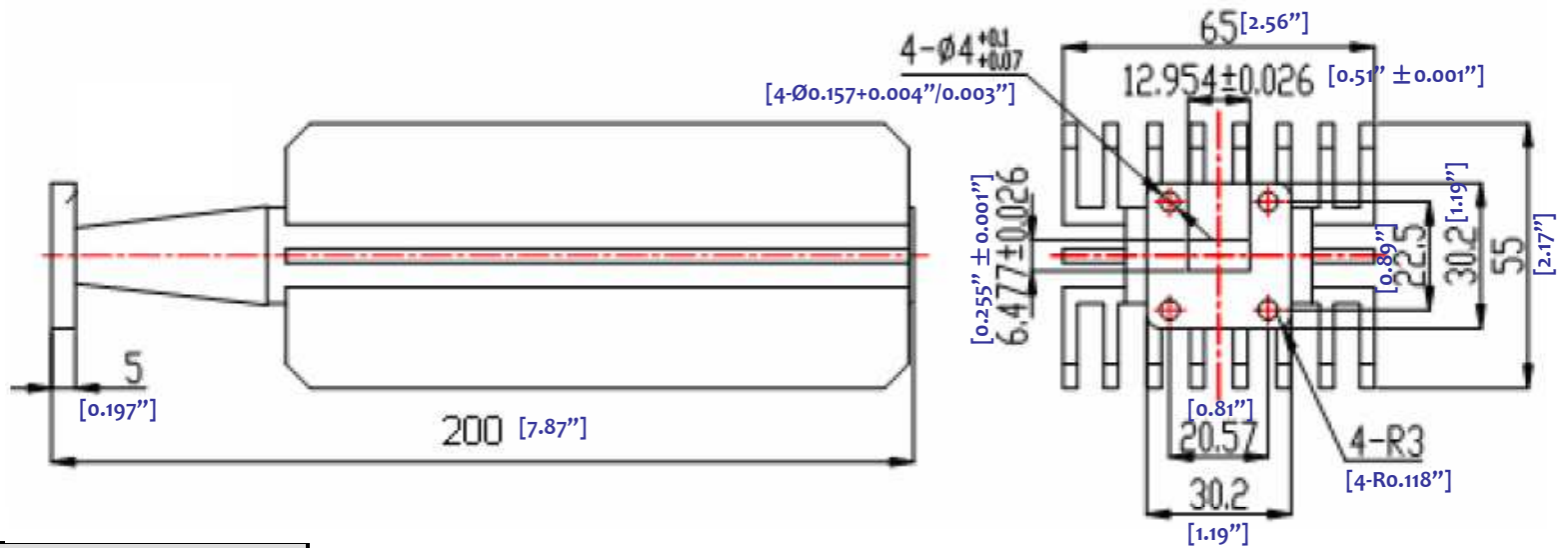


WR51 WAVEGUIDE 250W HIGH POWER TERMINATION


- RFWT51C



3.0 Electrical Specifications	
3.1	Frequency Range 15~22GHz
3.2	Average Power 250W (CW) 1KW Peak
3.5	VSWR 1.20:1 (max) or 1.06 : 1 (<3GHz)

2.0 Environment specifications	
2.1	Operation Temp. -40°C~+85°C
2.2	Storage Temp. -50°C~+125°C
2.3	Altitude 45000 ft
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 11msc

1.0 Mechanical Specifications	
1.1	Waveguide type Rectangular Waveguide WR51
1.2	Flange type CPRF, COVER
1.3	Flange Holes Through
1.4	Basis-material Aluminum
1.5	Internal Body Finish Chromate conversion
1.6	External Body Finish Body painted with gray/black epoxy enamel

PAGE 1 OF 1	DATE Jun 21 st 2006
<small>PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING 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>	
DESIGN RFPC	
RF-LAMBDA RFPC	
CAD MODEL REVISION 11	
ASSEMBLY REVISION VS5D5	
ASSEMBLY NAME RFLVR05	
DRAWING NUMBER D05-1	
 RFWT51C WAVEGUIDE TERMINATION	
www.rflambda.com	
RF-LAMBDA	SIZE LT SHEETS 1 OF 1