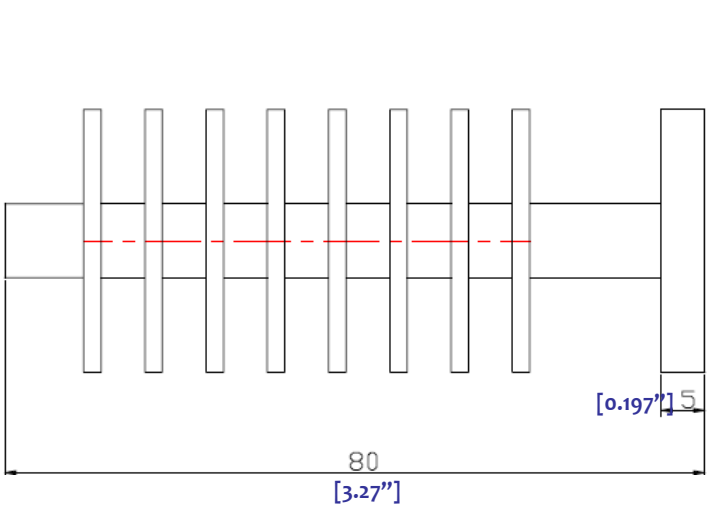
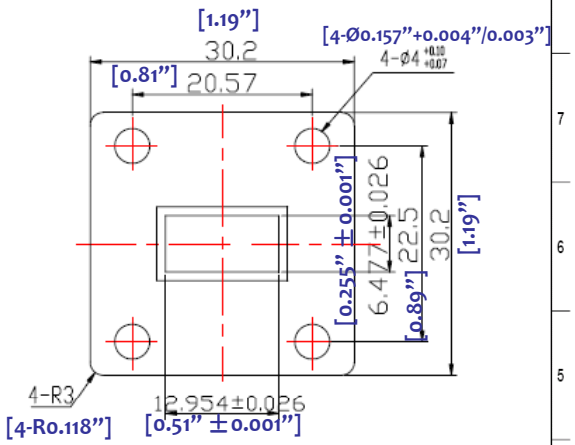
WR51 WAVEGUIDE 50W HIGH POWERTERMINATION – RFWT51B





3.0	Electrical Specifications	
3.1	Frequency Range	15~22GHz
3.2	Average Power	50W (CW)
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	Alloyed Cuprum
1.5	Internal Body Finish	Silver Plated chromate or conversion
1.6	External Body Finish	Body painted with gray/black epoxy enamel

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DATE Jun 21th 2006

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DESIGN RFPC

RF-LAMBDA RFPC

RFWT51B
WAVEGUIDE
TERMINATION

CAD MODEL REVISION 11

ASSEMBLY REVISION VS5DS

ASSEMBLY NAME RFLVR05

DRAWING NUMBER D05-1

www.rflambda.com

RF-LAMBDA

SIZE LT

SHEETS 1 OF 1