



WR90 WAVEGUIDE 75W HIGH POWER TERMINATION - RFWT90B

1.0 Mechanical Specifications	
1.1	Waveguide type Rectangular Waveguide WR90
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

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

3.0 Electrical Specifications	
3.1	Frequency Range 8.2~12.4GHz
3.2	Average Power 75W (CW)
3.3	Peak Power 250MW
3.4	VSWR 1.2:1 (max)

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DESIGN RFLVPC	
RF-LAMBDA RFLVPC	
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