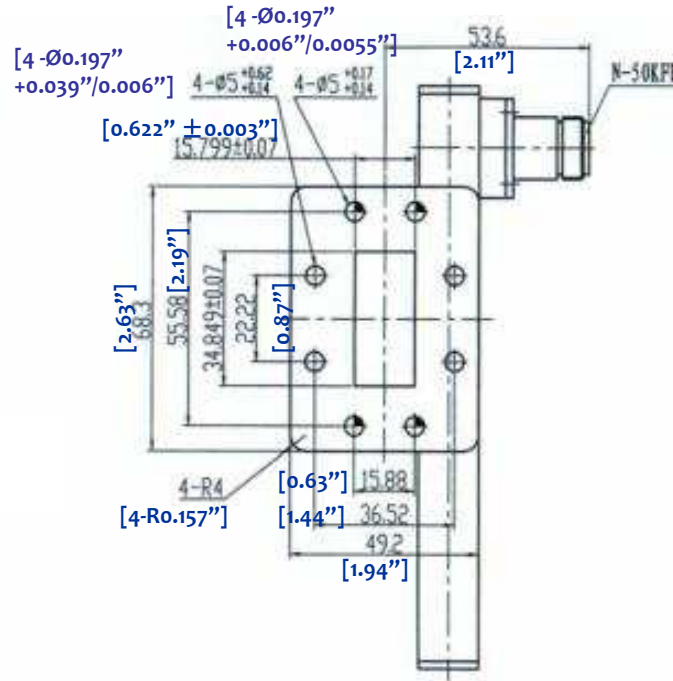
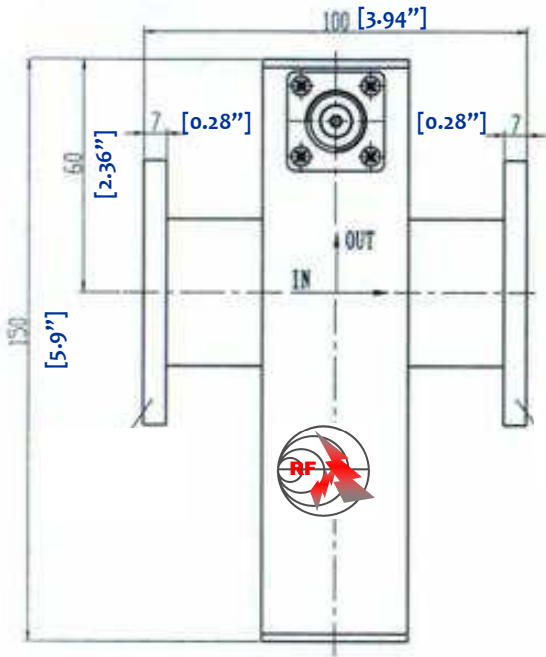


WAVEGUIDE WR137 DIRECTIONAL COUPLER- RWGCP137SA



3.0 Electrical Specifications		
3.1	Frequency Range	5.38-8.37GHz
3.2	Coupling	17-60dB
3.3	Directivity	20dB min
3.4	VSWR (master)	1.1
3.5	VSWR (2 nd Line)	1.25
3.6	Insertion Loss	0.2dB
3.7	Power (avg / Peak)	200W / 4KW

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR137
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Cuprum
1.5	Internal Body Finish	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.	-60°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

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		Feb 14 th 2007
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		RFPC
		RF-LAMBDA
		RFPC
		CAD MODEL REVISION
		1-4
		ASSEMBLY REVISION
		VS20-3
		ASSEMBLY NAME
		RFLVR04
		DRAWING NUMBER
		D02-5
www.rflambda.com		
RF-LAMBDA		SIZE LT
		SHEETS 1 OF 1