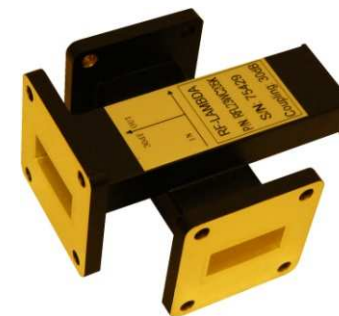
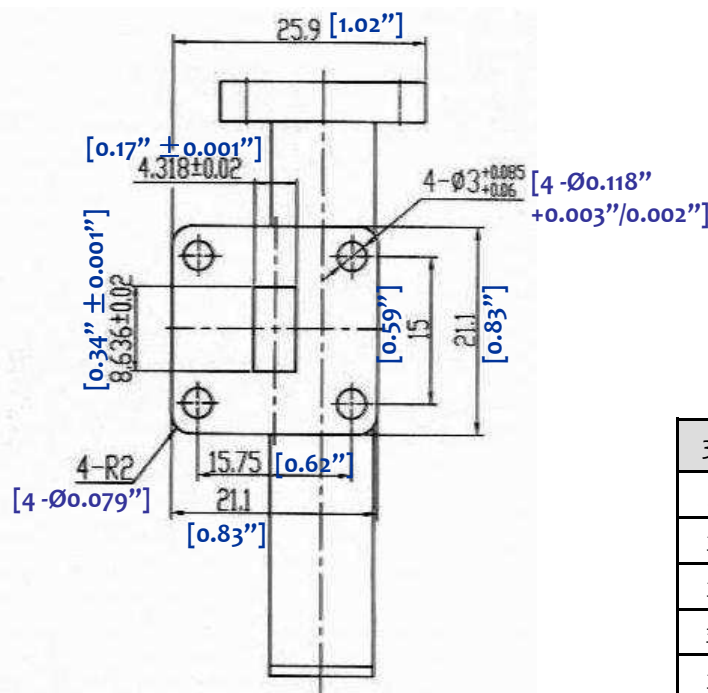
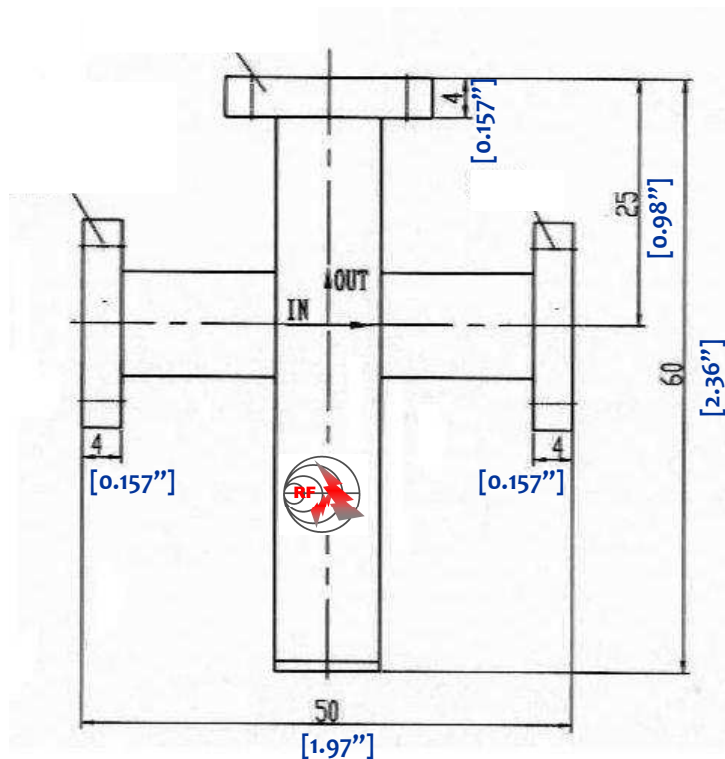


WAVEGUIDE WR34 DIRECTIONAL COUPLER- RWGCP34SA



3.0	Electrical Specifications	
3.1	Frequency Range	21.7~33GHz
3.2	Coupling	17dB~60dB
3.3	Directivity	20dB min
3.4	VSWR (master)	1.1 : 1
3.5	VSWR (2 nd Line)	1.25 : 1
3.6	Power	100W CW

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR34
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

PAGE	OF	DATE
		Feb 14 th 2007
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.		DESIGN
		RFPC
		RF-LAMBDA
		RFPC
 RWGCP34SA WAVEGUIDE COUPLER		CAD MODEL REVISION
		1-4
		ASSEMBLY REVISION
		VS20-3
www.rflambda.com RF-LAMBDA		ASSEMBLY NAME
		RFLVR04
SIZE LT		DRAWING NUMBER
		D02-5
SHEETS		1 OF 1