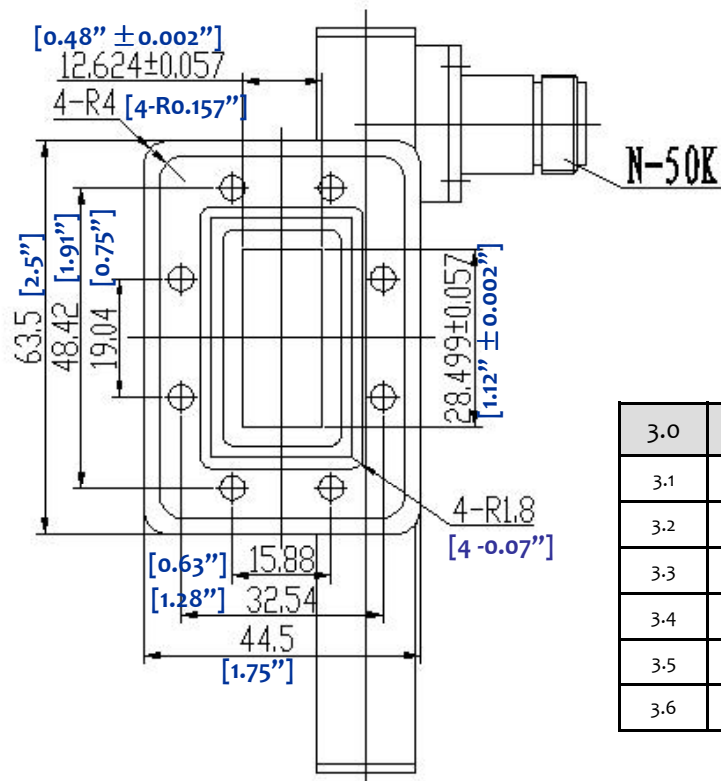
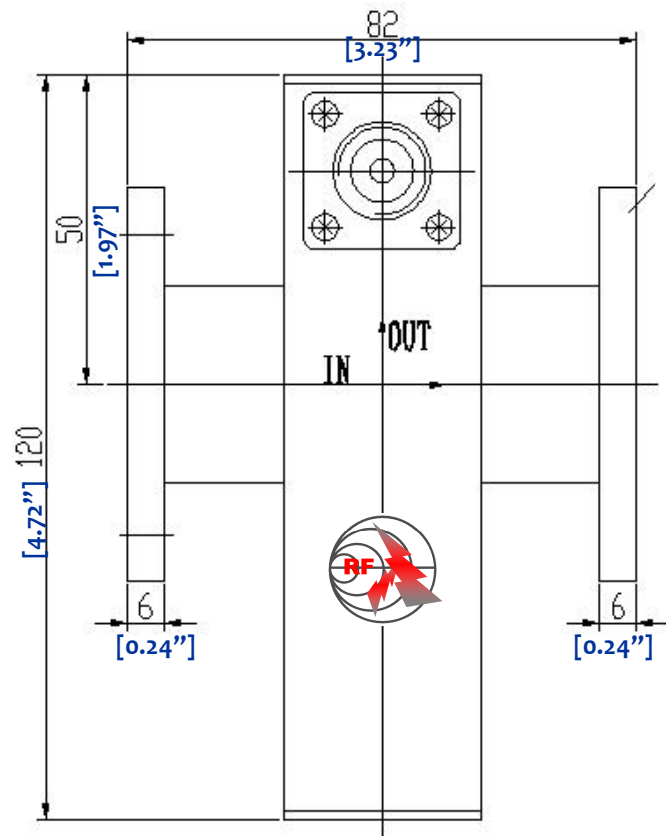



WAVEGUIDE WR112 GROSSGUIDE DIRECTIONAL COUPLER- RWGCP112SC



3.0	Electrical Specifications	
3.1	Frequency Range	6.57~9.99GHz
3.2	Coupling	17~60dB
3.3	Insertion Loss	0.2dB
3.4	Directivity	20dB min
3.5	VSWR (master)	1.1
3.6	VSWR (2 nd Line)	1.25

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR112
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
<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	1-4
		ASSEMBLY REVISION	VS20-3
 RWGCP112SC WAVEGUIDE COUPLER		ASSEMBLY NAME	RFLVR04
		DRAWING NUMBER	D02-5
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1