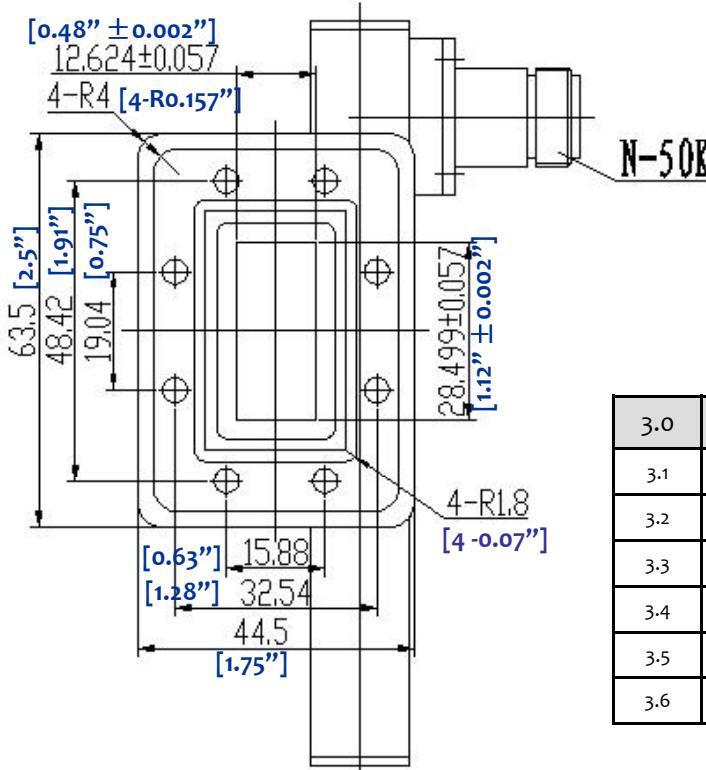
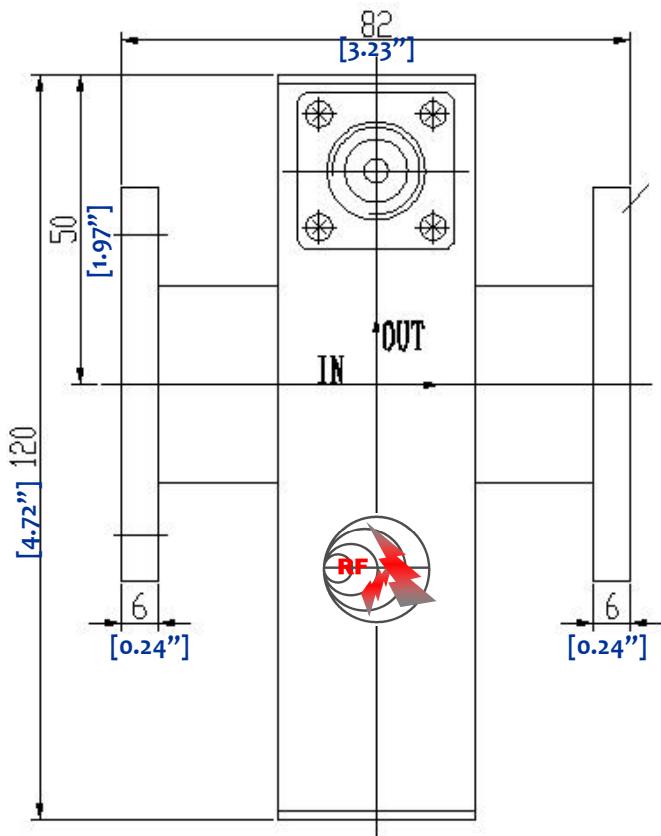


A | B | C | D | E | F | G | H | J | K | L | M | N | P | Q

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
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 RWGCP112SC WAVEGUIDE COUPLER www.rflambda.com	CAD MODEL REVISION 1-4 ASSEMBLY REVISION VS20-3 ASSEMBLY NAME RFLVR04 DRAWING NUMBER D02-5	
RF-LAMBDA	SIZE LT	Sheets 1, OF 1