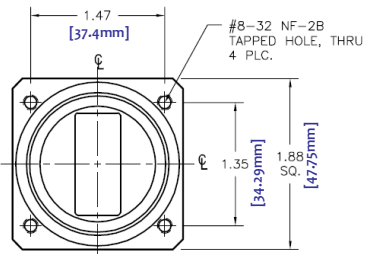
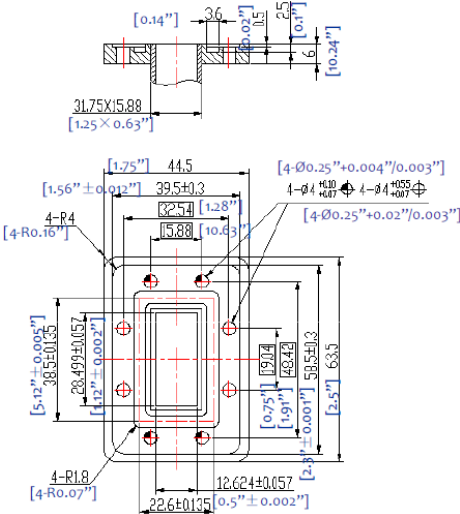
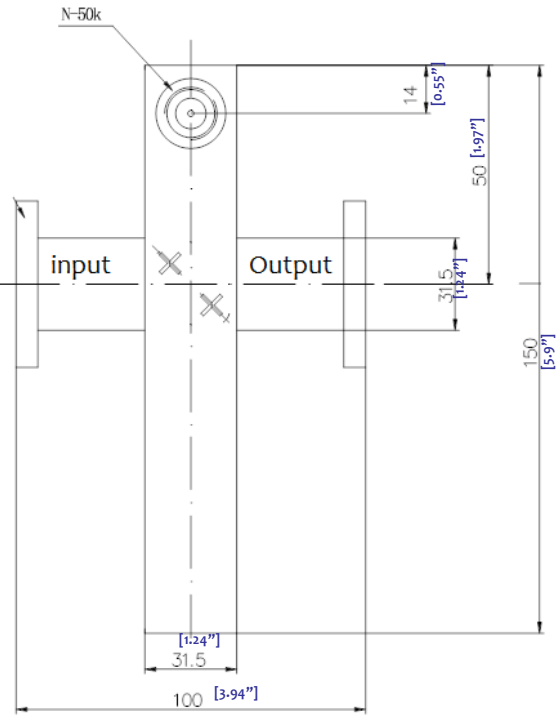


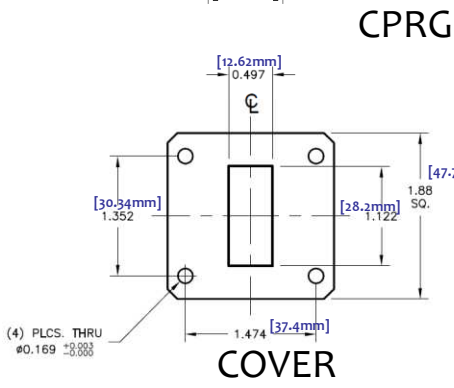
WAVEGUIDE WR112

DIRECTIONAL COUPLER

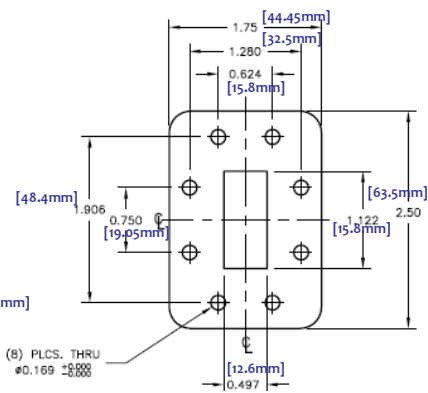
— RWGCP112SA



CHOKE



COVER



CPRF

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 14th 2007

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RWGCP112SA

WAVEGUIDE

COUPLER

www.rflambda.com

SIZE

LT

SHEETS

1 OF 1

DESIGN

RFPC

RF-LAMBDA

RFPC

CAD MODEL REVISION

1-4

ASSEMBLY REVISION

VS20-3

ASSEMBLY NAME

RFLVR04

DRAWING NUMBER

D02-5