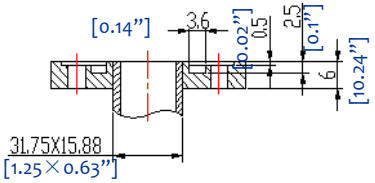
WAVEGUIDE TO COAXIAL ADAPTER

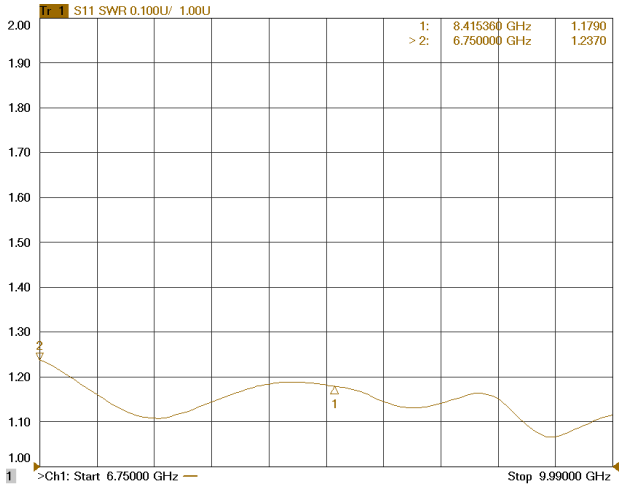
--- RFWA112

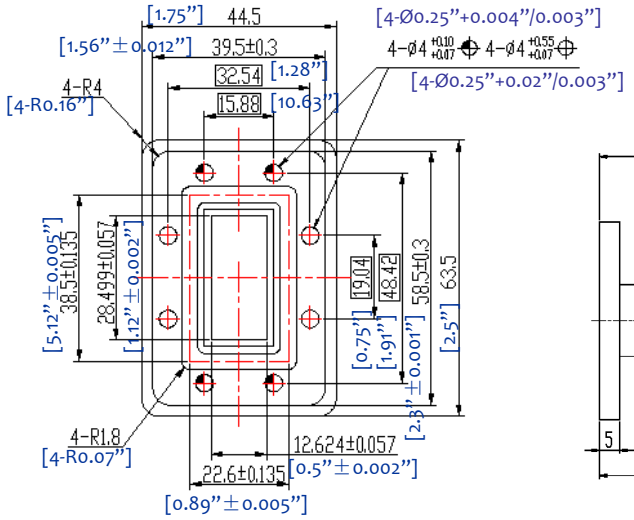
1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR112
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Aluminum, Brass, Alloyed Cuprum, Stainless
1.5	Coaxial Connector	SMA, N, TNC (Male or Female)
1.6	Internal Body Finish	Silver Plated chromate or conversion
1.7	External Body Finish	Body painted with gray/black epoxy enamel

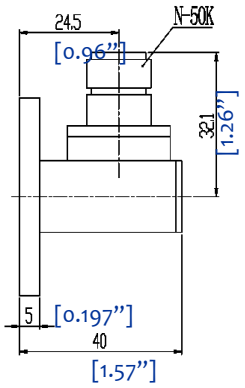
2.0	Environment specifications	
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc

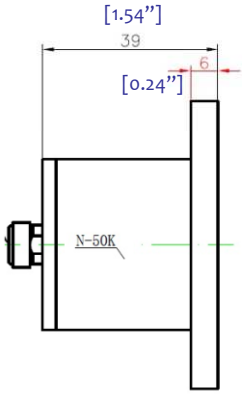
3.0	Electrical Specifications	
3.1	Frequency Range	7.05 – 10.0GHz
3.2	Max. VSWR	1.20:1











Part Number: RF W A 112 A o CF AL

- RF-Lambda
- Waveguide
- Adapter
- Waveguide Type Number
- **Connector Type:** **A**=SMA, **B**=N, **C**=TNC, **D**=7/16
- **Degree:** **9**=90° or **o**=0°
- **Flange Type:** **CG**=CPRG; **CF**=CPRF; **CO**=COVER; **CK**=CHOKE
- **Material:** **AL**=Aluminum; **BS**=Brass; **AC**=Alloyed Cuprum; **SS**=Stainless

PAGE 1 OF 1

DATE Jun 25th 2004

DESIGN RFPC

RF-LAMBDA RFPC

RFWA112
WAVEGUIDE TO COAXIAL ADAPTER

CAD MODEL REVISION 04

ASSEMBLY REVISION VS19

ASSEMBLY NAME RFLVR05

DRAWING NUMBER D04-A

www.rflambda.com

RF-LAMBDA

SIZE LT

SHEETS 1 OF 1