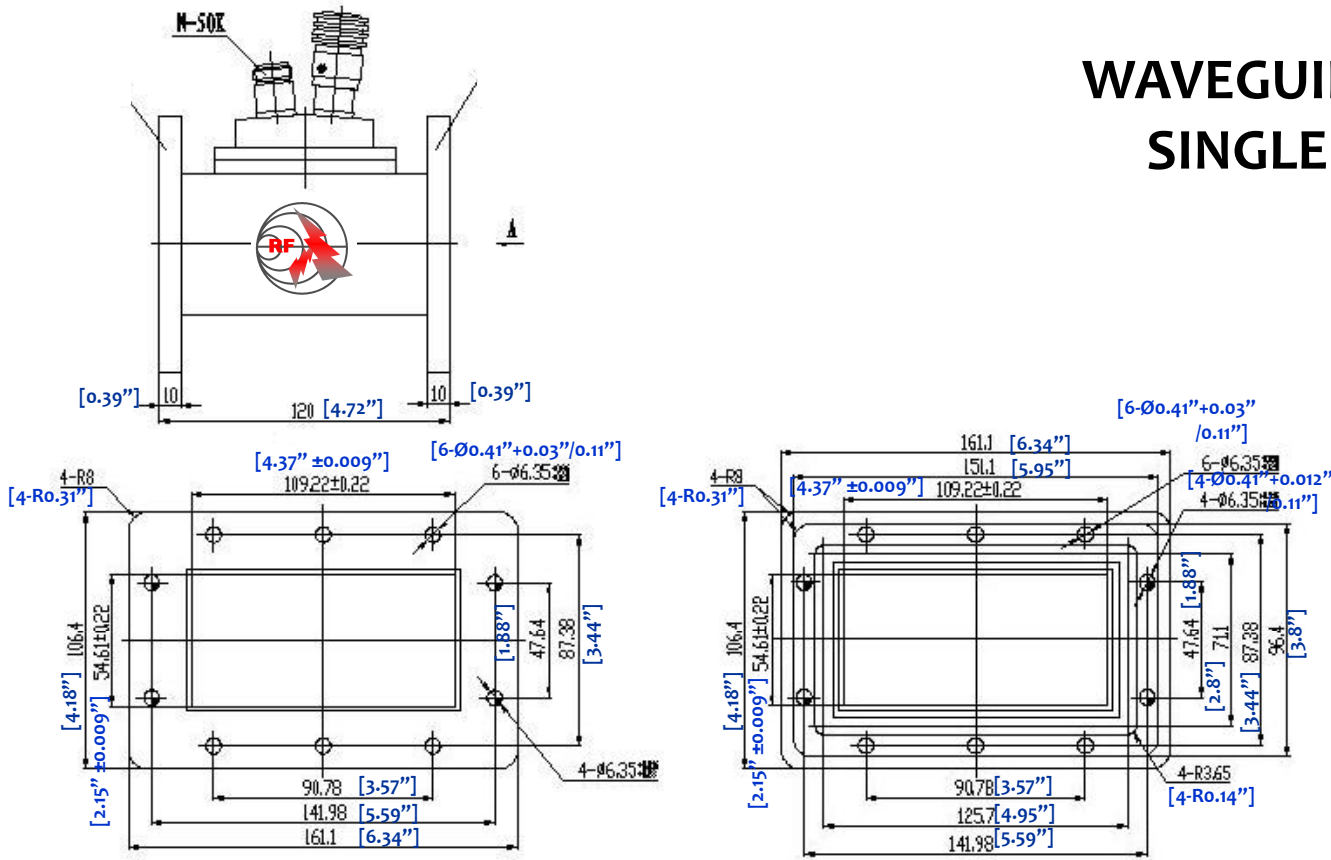



WAVEGUIDE WR430 CIRCULATOR SINGLE DIRECTIONAL COUPLER -RWGCP430SB



3.0	Electrical Specifications	
3.1	Frequency Range	1.70-2.30GHz
3.2	Coupling forward	50+/-0.5dB
3.3	Directivity	30dB min
3.4	VSWR	1.1
3.5	Insertion Loss	0.10dB
3.6	Average Power	1000W

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular WR430
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed 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	Jul 9 th 2008
 RWGCP430SB WAVEGUIDE COUPLER		DESIGN	RFPC
		RF-LAMBDA	RFPC
		CAD MODEL REVISION	1-4
		ASSEMBLY REVISION	VS20-3
www.rflambda.com		ASSEMBLY NAME	RFLVR04
RF-LAMBDA		DRAWING NUMBER	D02-5
SIZE	LT	SHEETS	1 OF 1