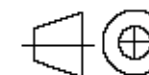
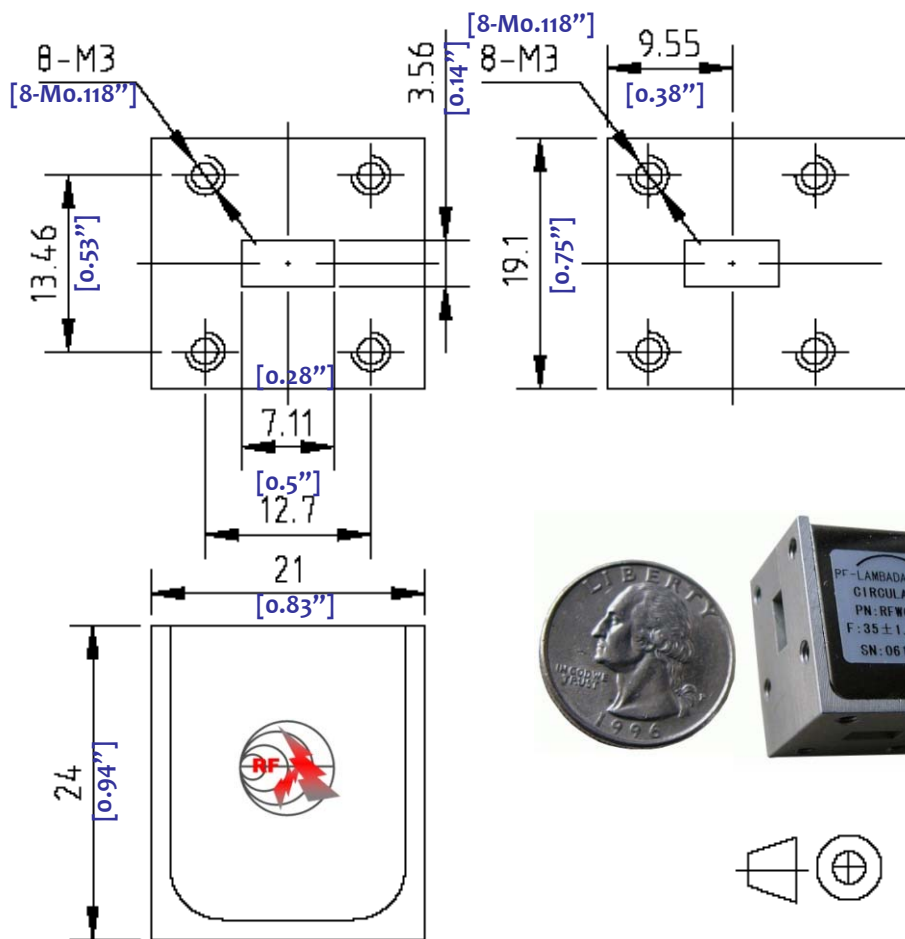



FULL BAND 26.5-40GHz WAVEGUIDE CIRCULATOR --- RFWC28A

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR28
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	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	26.5-40GHz
3.2	Bandwidth	Full Band
3.3	Average Power	20W CW
3.4	Peak Power	1KW
3.5	Insertion Loss	0.5dB
3.6	Isolation	18dB Typical 16dB Min
3.7	Max. VSWR	1.25:1



PAGE 1 OF 1		DATE	AUG 7 th 2006
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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	19
		ASSEMBLY REVISION	VS52
 RFWC28A WAVEGUIDE CIRCULATOR		ASSEMBLY NAME	RFLVR17
		DRAWING NUMBER	D05-1
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1