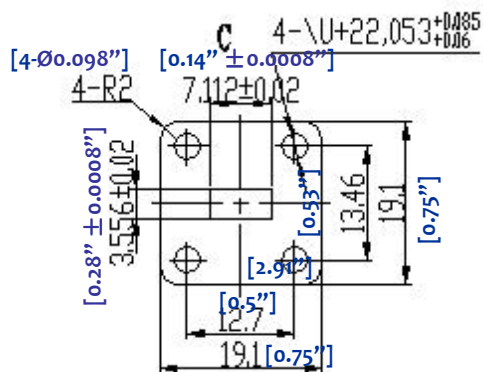
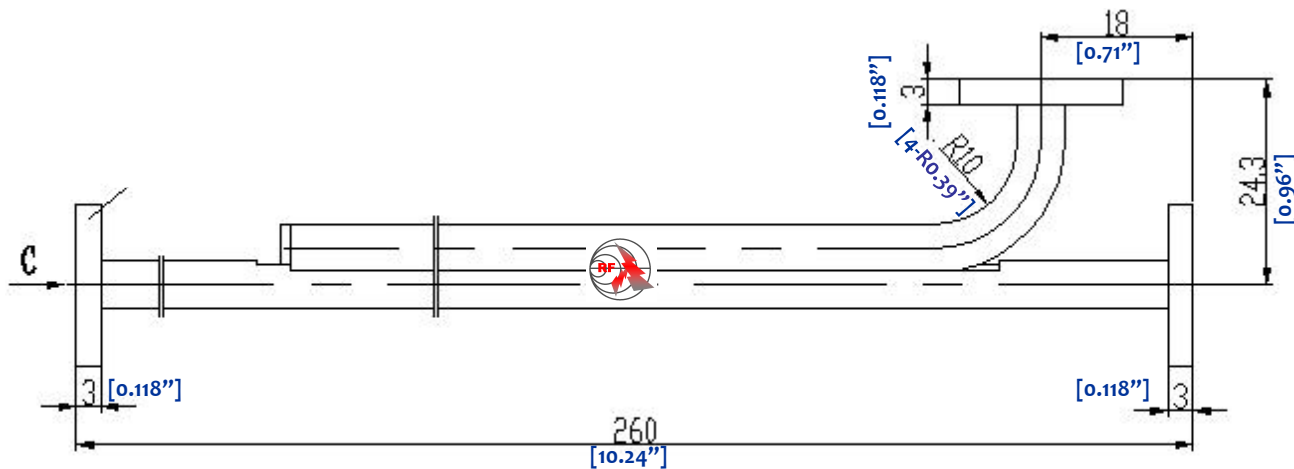



WAVEGUIDE WR28 HIGH DIRECTIVITY DIRECTIONAL COUPLER- RWGCP28SH



3.0	Electrical Specifications	
3.1	Frequency Range	33~37GHz
3.2	Coupling	3±0.5dB
3.3	Directivity	40dB min
3.4	VSWR	1.15
3.5	Insertion Loss	0.2dB max.
3.6	Average Power	50W

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	Cuprum
1.5	Internal Body Finish	Silver 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
		Apr 19 th 2007
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		RFPC
		RF-LAMBDA
		RFPC
		CAD MODEL REVISION
		0-4
		ASSEMBLY REVISION
		VS2D5
		ASSEMBLY NAME
		RFLVR011
		DRAWING NUMBER
		D02-1
www.rflambda.com		
 RWGCP28SH WAVEGUIDE COUPLER		
RF-LAMBDA		
SIZE	LT	SHEETS
		1 OF 1