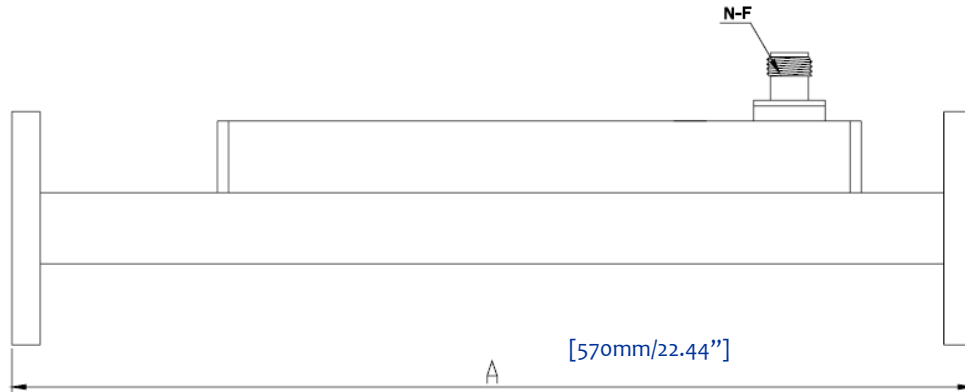
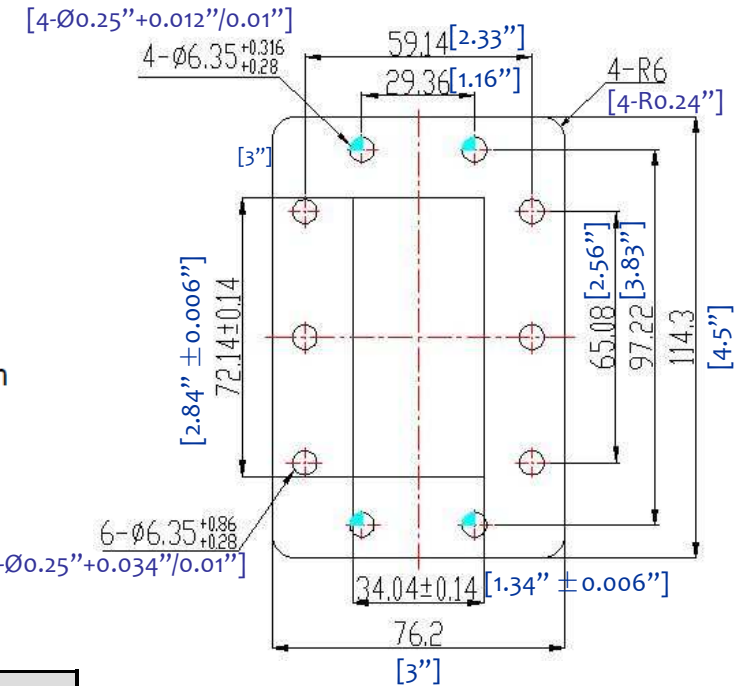
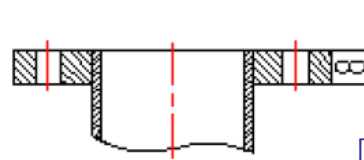


WAVEGUIDE WR284 DIRECTIONAL COUPLER- RWGCP284SH




A=570mm



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR284
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Aluminum
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

3.0	Electrical Specifications	
3.1	Frequency Range	2.8-3.2GHz
3.2	Forward Power	1000W (CW)
3.3	Peak Power	20kW (8us pulse)
3.4	Coupling	40dB
3.5	Flatness	±1.5dB
3.6	Directivity	30dB min
3.7	VSWR (master)	1.15 : 1
3.8	VSWR (2 nd Line)	1.20 : 1
3.9	Insertion Loss	0.2dB

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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	1-4
		ASSEMBLY REVISION	VS20-3
 RWGCP284SH WAVEGUIDE COUPLER		ASSEMBLY NAME	RFLVR04
		DRAWING NUMBER	D02-5
www.rflambda.com RF-LAMBDA		SIZE	LT
		SHEETS	1 OF 1