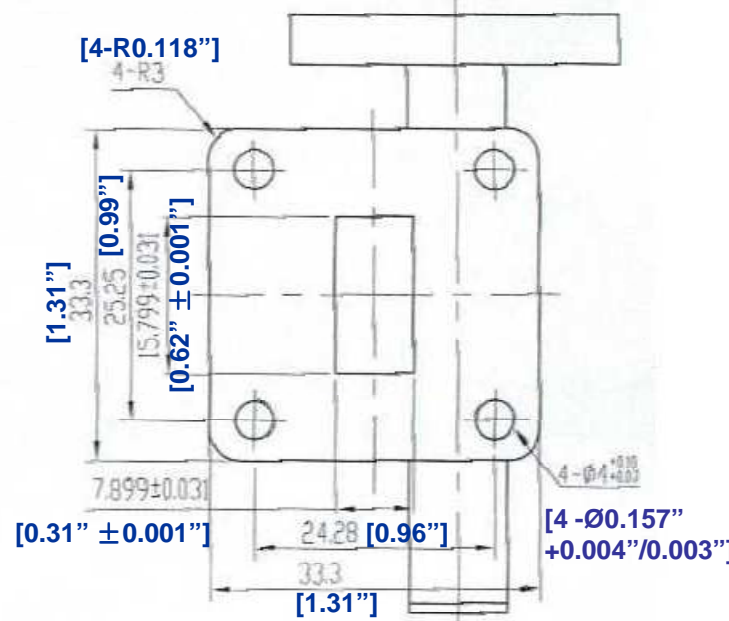
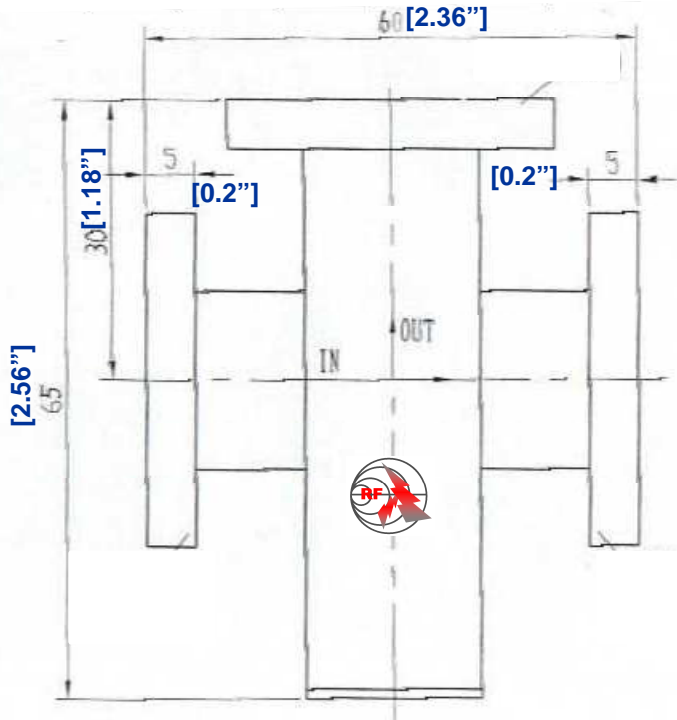



# WAVEGUIDE WR62 DIRECTIONAL COUPLER- RWGCP62SA



3.0 Electrical Specifications		
3.1	Frequency Range	11.9~18GHz
3.2	Coupling	17~60dB
3.3	Directivity	17dB min
3.4	VSWR (master)	1.10
3.5	VSWR (2 <sup>nd</sup> Line)	1.25
3.6	Power	100W

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR62
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	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

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		Feb 14 <sup>th</sup> 2007
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DESIGN		RFPC
RF-LAMBDA		RFPC
CAD MODEL REVISION		1-4
ASSEMBLY REVISION		VS20-3
ASSEMBLY NAME		RFLVR04
DRAWING NUMBER		D02-5
 <b>RWGCP62SA WAVEGUIDE COUPLER</b>		
www.rflambda.com		
RF-LAMBDA	SIZE LT	SHEETS 1 OF 1