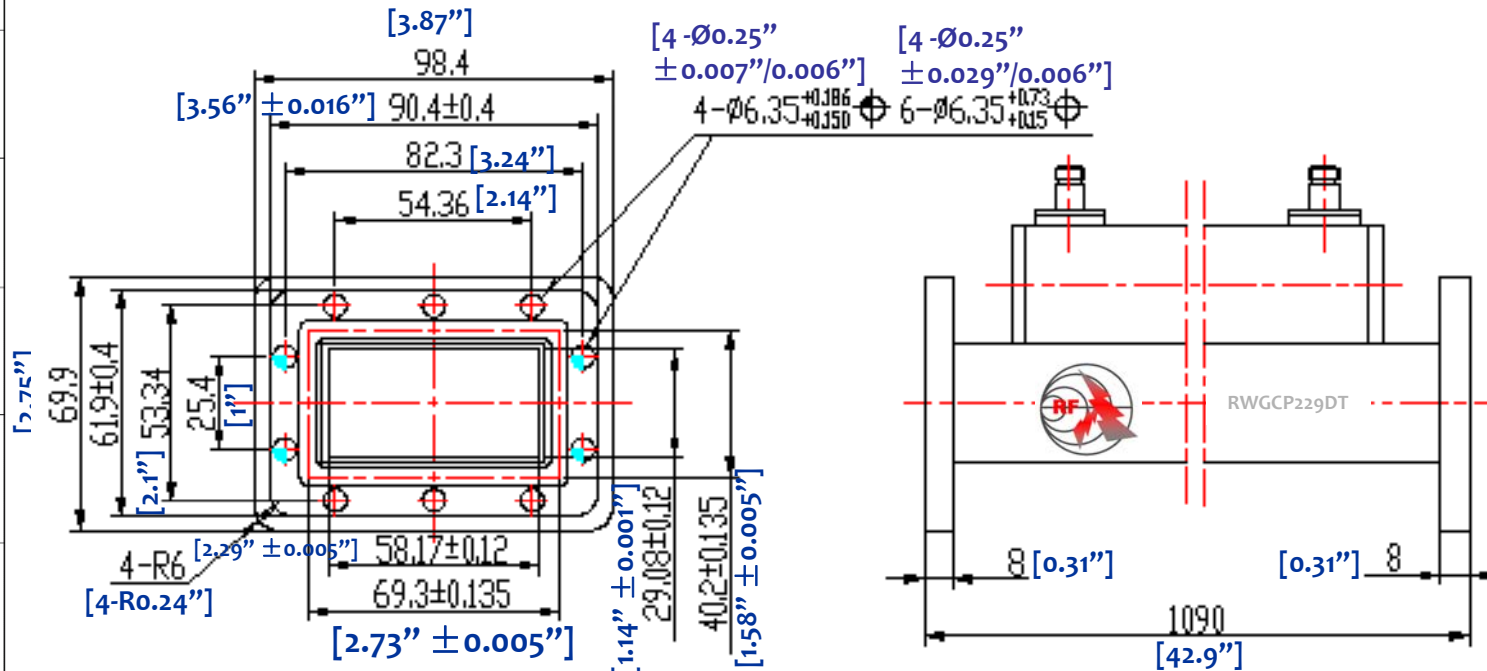


WAVEGUIDE DIRECTIONAL COUPLER – RWGCP229SA



3.0	Electrical Specifications	
3.1	Frequency Range	3.4-4.9GHz
3.2	Coupling	20dB +/- 1.0
3.3	Directional	35dB
3.4	Insertion Loss	0.15dB
3.5	VSWR Master	1.08 : 1
3.6	VSWR Second	1.3 : 1

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR229
1.2	Flange type	UG1727/U
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Aluminum
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.	- 54 °C ~ +71°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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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	11
		ASSEMBLY REVISION	V55DS
 RWGCP229SA WAVEGUIDE COUPLER		ASSEMBLY NAME	RFLVR05
		DRAWING NUMBER	D05-1
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1