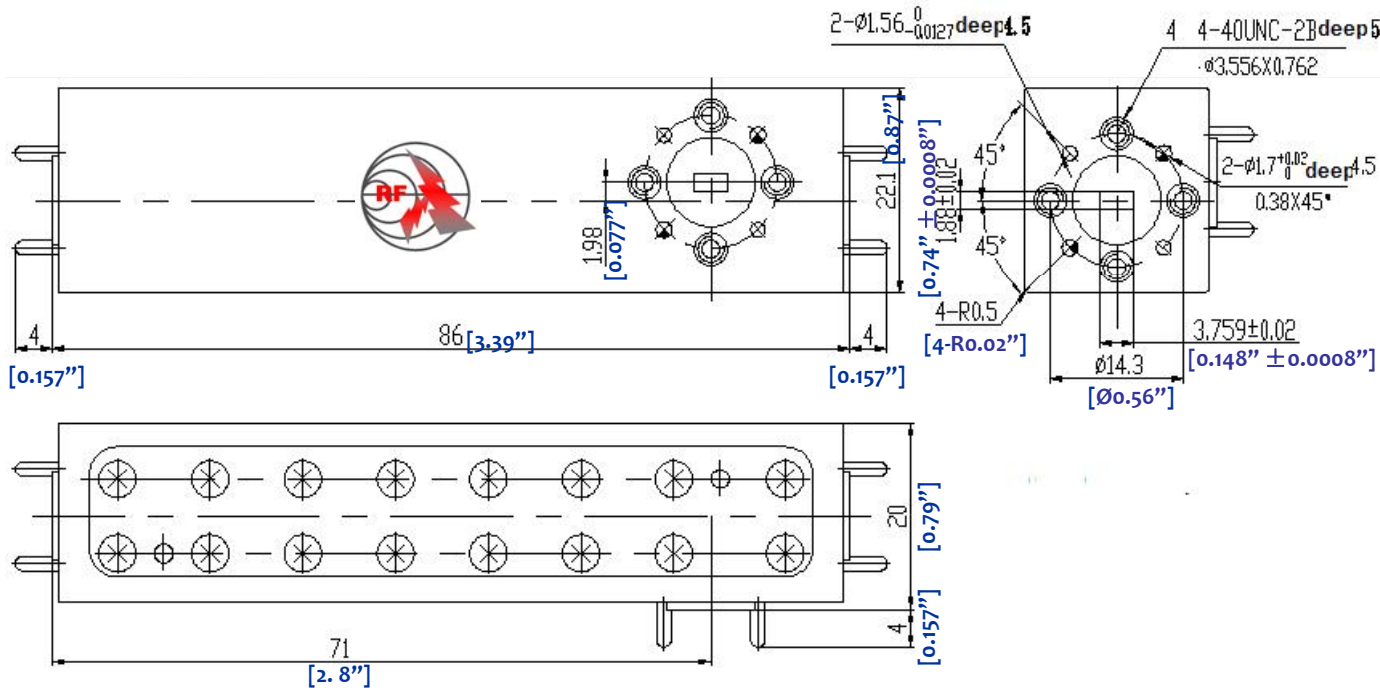


WAVEGUIDE WR15 HIGH DIRECTIVITY DIRECTIONAL COUPLER – RWGCP15SA



3.0	Electrical Specifications	
3.1	Frequency Range	55-60GHz
3.2	Coupling	3.5/10/20/30dB
3.3	Directivity	30dB min
3.4	VSWR	1.15
3.5	Insertion Loss	0.2dB max.
3.6	Average Power	100W

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR15
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

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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	0-4
		ASSEMBLY REVISION	VS2DS
 RWGCP15SA WAVEGUIDE COUPLER		ASSEMBLY NAME	RFLVR011
		DRAWING NUMBER	D02-1
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1