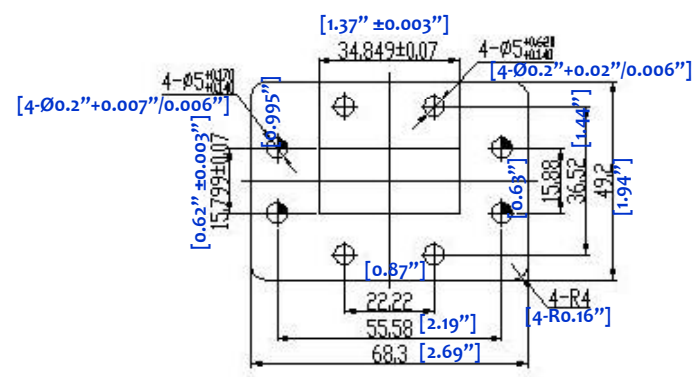



WAVEGUIDE WR137 HIGH DIRECTIVITY DIRECTIONAL COUPLER -RWGCP137SE



3.0 Electrical Specifications		
3.1	Frequency Range	5.38-8.17GHz
3.2	Coupling	30dB
3.3	Directivity	30dB min
3.4	VSWR	1.1
3.5	Insertion Loss	0.20dB max.
3.6	Average Power	200W

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular WR137
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed 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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		RF-LAMBDA	RFPC
 RWGCP137SE WAVEGUIDE COUPLER		CAD MODEL REVISION	1-4
		ASSEMBLY REVISION	VS20-3
www.rflambda.com RF-LAMBDA		ASSEMBLY NAME	RFLVR04
		DRAWING NUMBER	D02-5
SIZE	LT	SHEETS	1 OF 1