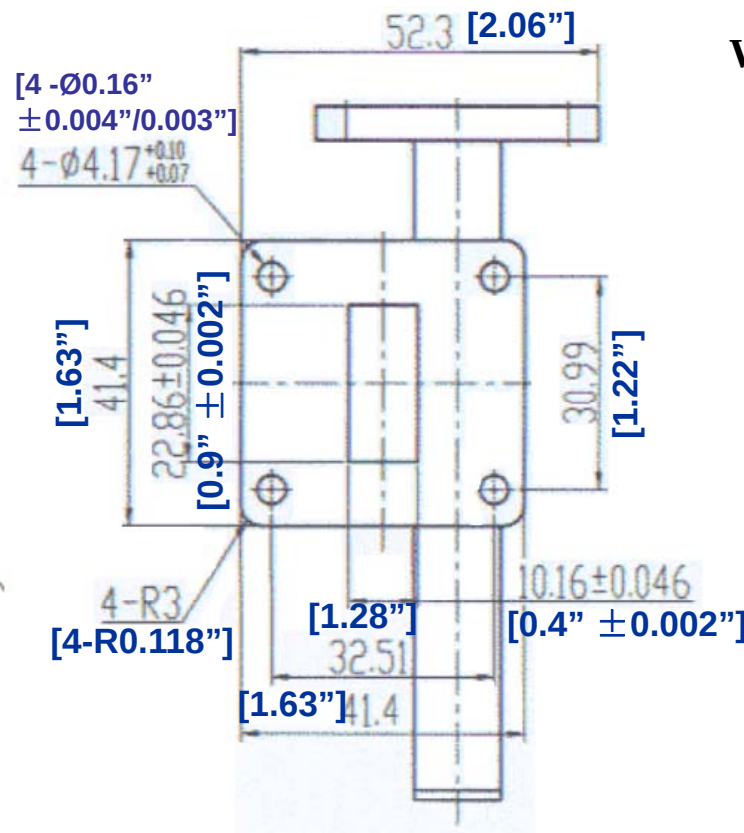




3.0	Electrical Specifications	
3.1	Frequency Range	8.2-12.4GHz
3.2	Forward Power	200W (CW)
3.3	Peak Power	4KW (8us pulse)
3.4	Coupling	10dB~50dB available
3.5	Directional	20dB
3.6	VSWR Master	1.10 : 1
3.7	VSWR Second	1.25 : 1
3.8	Insertion Loss	0.2dB

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR90
1.2	Flange type	COVER (Other type available)
1.3	Flange Holes	Through
1.4	Basis-material	Aluminum or Cuprum Alloyed
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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 RWGCP90SA WAVEGUIDE COUPLER	CAD MODEL REVISION 11 ASSEMBLY REVISION VS5DS ASSEMBLY NAME RFLVR05 DRAWING NUMBER
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SIZE

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SHEETS

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