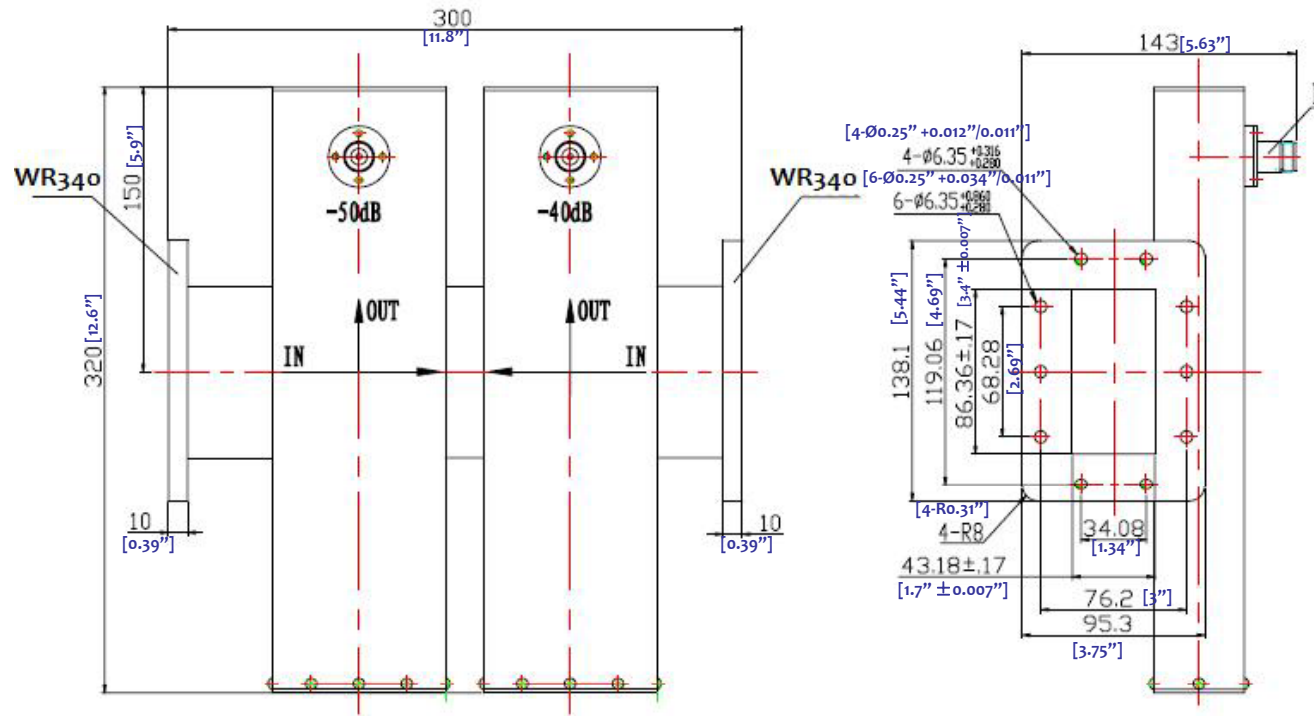



WAVEGUIDE WR340 CROSSGUIDE DIRECTIONAL COUPLER- RWGDCP340SB



3.0 Electrical Specifications		
3.1	Frequency Range	2.4-2.7GHz
3.2	Coupling forward	50dB+/-1dB
3.3	Coupling reverse	40dB+/-1dB
3.4	Directivity	23dB min
3.5	VSWR	1.20
3.6	Insertion Loss	0.2dB max.
3.7	CW / Peak Power	2KW /25KW
3.8	Peak Power	PRF 1KHz 25% max.

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR340
1.2	Flange type	COVER
1.3	Flange Holes	Through
1.4	Basis-material	Copper/Brass
1.5	Internal Body Finish	Silver plating
1.6	External Body Finish	Anticorrosion black paint

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 11msec

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 RWGDCP340SB WAVEGUIDE COUPLER		DESIGN RFPC RF-LAMBDA RFPC CAD MODEL REVISION 0-4 ASSEMBLY REVISION VS2DS ASSEMBLY NAME RFLVR011 DRAWING NUMBER D02-1
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RF-LAMBDA	SIZE LT	SHEETS 1 OF 1