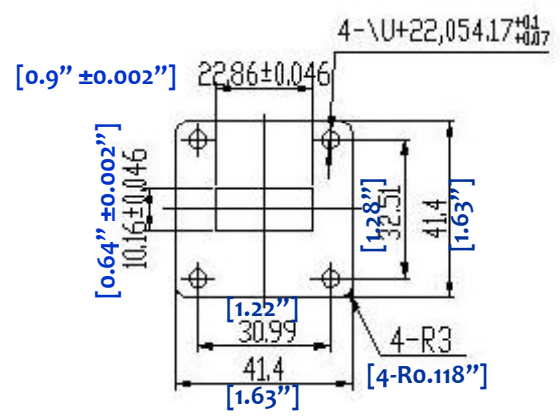



WAVEGUIDE WR90 DUAL DIRECTIONAL COUPLER -RWGDCP90SA



3.0 Electrical Specifications		
3.1	Frequency Range	8.2-12.4GHz
3.2	Coupling	57dB
3.3	Directivity	40dB min
3.4	VSWR	1.1
3.5	Insertion Loss	0.2dB max.
3.6	Average Power	200W

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular WR90
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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		Jul 9 th 2008
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 RWGDCP90SA WAVEGUIDE COUPLER		DESIGN
		RFPC
		RF-LAMBDA
		RFPC
www.rflambda.com		CAD MODEL REVISION
		1-4
		ASSEMBLY REVISION
		VS20-3
		ASSEMBLY NAME
		RFLVR04
		DRAWING NUMBER
		D02-5
RF-LAMBDA		SIZE
		LT
		SHEETS
		1 OF 1