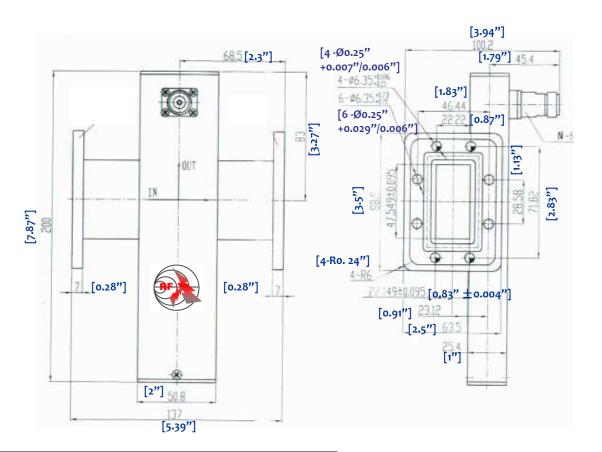
A I B I C I D I E I F I G I H I J I K I L I M I N I P I Q

WAVEGUIDE WR187 DIRECTIONAL COUPLER- RWGCP187SA



3.0	Electrical Speci	fications
3.1	Frequency Range	5.3~5.6GH

3.0	Electrical Specifications		
3.1	Frequency Range	5.3~5.6GHz	
3.2	Coupling	40+/-1dB	
3.3	Directivity	20dB	
3.4	VSWR	1.2	
3.5	Isolation Loss	0.15dB	
3.6	Average Power	300W	
3.7	Peak Power	300KW	

1.0	Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR187	
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available	
1.3	Flange Holes	Through	
1.4	Basis-material	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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	PAGE OF PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RE-LAMBDA EXCEPT - AS SPECIFICALLY AUTHORIZED IN WINDINGS RE-LAMBDA THE HOLDER OF			DATE	eb 14 th 2007	2	
				DESIGN	RFPC		
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	RWGCP187SA			1	DEL REVISION -4		
	WAVEGUIDE COUPLER		,	/S20-3	L		
			ASSEMBLY NAME RFLVR04		0		
				DRAWING NUMBER			
	www.rflambda.com		D02-5				
	RF-LAMBDA	SIZE LT	SHEETS 1	OF	1		