


3.0	Electrical Specifications	
3.1	Frequency Range	34.25~35.75GHz
3.2	Coupling	25dB
3.3	Directivity	25dB min
3.4	VSWR	1.15
3.5	Insertion Loss	0.2dB max.
3.6	Average Power	50W

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR28
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Cuprum
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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		Apr 19 th 2007
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 <p>RWGCP285D WAVEGUIDE COUPLER</p>		<p>CAD MODEL REVISION</p> <p>0-4</p> <p>ASSEMBLY REVISION</p> <p>V52d5</p> <p>ASSEMBLY NAME</p> <p>RFLVR0t1</p> <p>DRAWING NUMBER</p>
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RF-LAMBDA		
SIZE	SHEETS	
LT	1	OF 1