


WAVEGUIDE WR187 DIRECTIONAL COUPLER– RWGCP187SA



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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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	1-4
		ASSEMBLY REVISION	VS20-3
		ASSEMBLY NAME	RFLVR04
		DRAWING NUMBER	D02-5
		SIZE	LT
		SHEETS	1 OF 1