WAVEGUIDE WR137 CROSSGUIDE DIRECTIONAL COUPLER

- RWGCP137SC

3.0 Electrical Specifications
3.1 Frequency Range
6.06~6.30GHz
3.2 Coupling
17+/-1.0dB
3.3 Directivity
20dB min
3.4 VSWR
1.2
3.5 Insertion Loss
0.2dB max.
3.6 Average Power
3000W

Environment specifications
2.1 Operation Temp.
-40ºC~+85ºC
2.2 Storage Temp.
-60ºC~+125ºC
2.3 Altitude
45,000 ft
2.4 Vibration
10g rms (15 degree 2KHz)
2.5 Humidity
100% RH at 35ºC, 95%RH at 40 deg c
2.6 Shock
20G for 1msc

Mechanical Specifications
1.1 Waveguide type
Rectangular CrossGuide WR137
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

Testing plot next page