Title: Third Angle Projection

Cage Code: SIZE:

Scale Weight (Est.):

Interpret Dimensions & Tolerances per ASME Y14.5M

Drawing Number:

Sheets: 2 of 3

Two Channel Rotary Joint

Dimensions are in inches.

Remove all burrs and sharp edges .005 max, unless otherwise specified, surf finish 63.

Tolerances are:

1/64 2 places

.03

1/2 3 places

.010

2 places

.005

3.90 MACH

Type ‘N’ female connectors

Flanges 2 places

CPR137G

4.61 MAX.

3.70 MAX.

6X .021  .008

EQ. SP. AS SHOWN ON BC

MARKING SEE SPEC’S

Electrical

Channel 1 (Transmit)

- Frequency (GHz)
  - 5.800 - 6.425 (C-Band)
  - 7.900 - 8.400 (X-Band)
- VSWR
  - 1.25 MAX
- VSWR WOW (Max)
  - 1.25 MAX
- Insertion Loss (DB)
  - 0.05
- Insertion Loss WOW (DB)
  - 0.05
- Power, Avg (MAX)
  - 2 W
- Isolation (1.7 - 6.6 GHz)
  - < - 100 dB

Electrical

Channel 2 (Receive)

- VSWR
  - 1.25 MAX
- VSWR WOW (Max)
  - 0.05
- Insertion Loss (DB)
  - 0.7
- Insertion Loss WOW (DB)
  - 0.05
- Power, Avg (MAX)
  - 2 W
- Isolation (1.7 - 6.6 GHz)
  - < - 100 dB

Mechanical & Environmental

Lubrication
- 10 CC PER MIN MAX.

Pressure
- 0.5 PSS

Torque
- 60 OZ-IN MAX (1.5 N-m)

Weight
- 3.3 LBS MAX

Material
- Aluminum Alloy Primarily

Finish
- TBD

Marking
- Marking to include a la minimum, Diamond Name, PN, and serial No.

RoHS Compliant