**Title:** ROTARY JOINT - 3 CHANNEL

**Dimensions:**
- 8.5 - 9.6
- 1.0 - 1.1
- 1.20
- 1.30
- 0.06
- 0.07
- 0.20dB
- 0.50dB
- 250KW
- 3KW
- 30W
- 55 dB
- 55 dB

**Slip Ring Specifications:**
- 10 CHANNELS CAPABLE OF 2 AMPS @ 115 VDC

**Mechanical:**
- PRESSURE: 30 PSIG [CH.1 (WAVEGUIDES) ONLY]
- LEAK RATE (MAX.): 2 CC/MM MAX. [GOAL]
- TORQUE (MAX.): 15 IN.-LBS. MAX.
- ROTATION RATE: ~15 RPM
- ENVIRONMENTAL: WEATHERIZED
- MATERIAL: ALUMINUM ALLOY
- FINISH: TBD
- DO NOT PAINT SURFACES MARKED △
- MARKING: PER MIL-STD-130

**Electrical:**
- FREQUENCY (GHz): 8.5 - 9.6
- VSWR (MAX.): 1.20
- VSWR WOK (MAX.): 1.30
- INSERTION LOSS (MAX.): 0.06
- POWER, PEAK: 250KW
- POWER, AVG.: 30W
- ISOLATION: 55 dB

**Marking:**
- PER MIL-STD-130

**Weatherized Environment:**
- 250W

**Channel Specifications:**
- CH.1 (WAVEGUIDES) ONLY
- CH.2 AND 3

**Stationary Rotating:**
- DATE CODE
- ASSY #
- LABEL AS FOLLOWS:
  - SERIAL #
  - DATE CODE

**Slip Ring:**
- MARK CHANNELS AS SHOWN
- CH.3
- CH.2
- ELECTRICAL
- AS SHOWN
- MARK CHANNEL AS SHOWN

**Type "N" (Jack) Connector:**
- 2 PLACES - TYP BOTH ENDS

**Flange (Choke):**
- TYPE - UG-137B/U
- TYP 2 PLACES

**Dimensions are in inches.**

**Remove all burrs and sharp edges.**

**0.005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63**

**Tolerances:**
- FRACTIONS 1/64 2 PLACES
- DECIMALS .03 3 PLACES
- ANGLES .010 3 PLACES

**Marking:**
- CH.3 CH.2

**Type "N" (Jack) Connector:**
- 2 PLACES - TYP BOTH ENDS

**Weatherized Environment:**
- 250W

**Pressure:**
- 30 PSIG [CH.1 (WAVEGUIDES) ONLY]