SPECIFICATIONS - ROTARY JOINT:

WR-187 WAVEGUIDE CHANNEL

- FREQUENCY (GHz): 5.6-5.65
- VSWR (MAX.): 1.15:1
- VSWR WOW (MAX.): 0.15
- INSERTION LOSS (dB) (MAX.): 0.05
- INSERTION LOSS WOW (dB MAX): ±0.010
- PEAK POWER (Watt): 400°
- AVERAGE POWER (W): 2.00°

(*) @ 7.3 PSIG MIN. PRESSURE AND MAX. OUTPUT MSMATCH OF 1.5:1

SPECIFICATIONS - MECHANICAL/ENVIRONMENTAL:

- PRESSURIZATION: * 7.3 PSIG (0.05 Mpa) [MINIMUM REQUIRED]
- LEAK RATE: 5 CC/MINUTE MAX.
- TORQUE: 22 IN-LB MAX. (0.5 Nm)
- ROTATION RATE: 12 RPM (MAX)
- WEIGHT: 10-12.00 (7 KG) MAX
- TEMPERATURE (OPER): -40°C TO +70°C
- TEMPERATURE (STORAGE): -55°C TO +85°C
- LIFE: 30,000,000 REVOLUTIONS
- BASIC MATERIAL: ALUMINUM ALLOY
- FINISH: TBD

LABEL:

32 CHAN SLIP RING

CHANNELS 1-11: 85V/3A PULSED DC-SIGNALS
CHANNELS 12-20: 15V/100mA
CHANNELS 21-32: 85V/3A. DC/AC

NOTES:

1. P1 & P2 CONNECTORS TO BE PROVIDED AND MOUNTED BY CUSTOMER.
2. ALL STATOR CABLE LEADS TO BE MARKED WITH APPROPRIATE ID NUMBERS.

ROHS COMPLIANT

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

All images and text related to this document are now in a natural language format as requested.