DESIGN SPECIFICATIONS

ROTARY JOINT: INLINE
FREQUENCY: DC TO 1500 MHz
VSWR MAX: 1.10
INSERTION LOSS: 0.1 dB
INSERTION LOSS W/O: 0.05 dB MAX 360°
VSWR W/O: 0.00 MAX 360°
POWER, PEAK, UNPRESSURIZED: 2.5 kW NOMINAL
POWER, AVERAGE: 50 kW NOMINAL TO 50 MHz
24 kW NOMINAL TO 250 MHz
15 kW NOMINAL TO 1500 MHz
WEATHERIZED: YES
PRESSURIZED: 30 PSIG NOMINAL
LEAKAGE RATE: 0.001 cc/min MAX
STARTING TORQUE: 3 FT-LBS NOMINAL
COAXIAL LINE IMPEDANCE: 50 OHMS
ROTATIONAL SPEED: 100 RPM NOMINAL
MATERIAL: ALUMINUM
FINISH: IRIDITE
ENVIRONMENTAL REQUIREMENT: MIL-E-5272
WEIGHT: 11 LBS

STATIONARY ← ROTATING

3/8-16 UNC-2B TAPPED HOLES BOTH ENDS
4X φ .406 THRU BOLTS

DIMENSIONS ARE IN INCHES.
REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURFACE FINISH 63T
TOLERANCES ARE:
FRACTIONS 2 PLACES
DECIMALS 3 PLACES
ANGLES .03
.010

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ROTARY JOINT...............................INLINE
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ROTATIONAL SPEED..........................100 RPM NOMINAL
MATERIAL....................................ALUMINUM
FINISH.......................................IRIDITE
ENVIRONMENTAL REQUIREMENT............MIL-E-5272
WEIGHT......................................11 LBS