



DESIGN SPECIFICATIONS

- FREQUENCY (GHz): 2.7 - 2.9
- VSWR: 1.2:1
- VSWR WOW: .05:1
- INSERTION LOSS (dB): 0.15
- INSERTION LOSS WOW (dB): 0.05
- * POWER, PEAK: 1.4 MW max
- POWER, AVG: 1.0 KW
- * @ 18.85 PSIG [1.3 BARS] MIN
- ROTATIONAL SPEED (nom): 6 RPM
- TEMPERATURE (OPER): -40° C TO +60° C
- TEMPERATURE (STOR): -55° C TO +70° C
- TORQUE (max): 2 ft-lbs
- WEIGHT (nom): 7.2 Kg, (15.8 lbs)
- PRESSURE: 29.0 PSIG [2.0 BAR] MAX - CLEAN DRY AIR
- ALTITUDE (OPER): 0 TO 13,000 FT (4,000 M)
- HUMIDITY (RELATIVE): 95%
- LEAK RATE: 16cc PER MIN @ 18.85 PSIG [0.13 Mpa]
- MATERIAL: Aluminum
- FINISH: TBD
- LABEL: STANDARD DIAMOND LABEL WITH

ROHS COMPLIANT

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63 TOLERANCES ARE:

FRACTIONS	DECIMALS	ANGLES
±1/64	2 PLACES ±.03	±1/2°
	3 PLACES ±.010	

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460		
TITLE: "L" -STYLE ROTARY JOINT, WR-284		
SIZE: B	CAGE CODE: 01882	DRAWING NUMBER: CAT 33-445-0
SCALE: 1:3	WEIGHT (EST.):	SHEET 1 OF 1