



SPECIFICATIONS

- FREQUENCY: 2.7 - 3.1 GHz
- VSWR, MAX: 1.25:1
- VSWR WOW, MAX: 0.1
- INSERTION LOSS, dB MAX: 0.2
- INSERTION LOSS WOW, dB: 0.05
- PEAK POWER: 3MW (30 PSIG MIN REQD)
- AVERAGE POWER: 3kW

- ROTATIONAL SPEED: 6 RPM
- PRESSURE (PSIG): 30 (MIN) - 50 (MAX)
- LEAK RATE, MAX: 40 CC/MIN
- TORQUE: 25 IN-LB MAX @ 25°C
- TEMPERATURE - OPERATING: -10°C TO +55°C
- WEIGHT: 16 LBS [7.3 kg] EST
- MATERIAL: PRIMARILY ALUMINUM
- FINISH: CHROMATE CVRSN PER MIL-DTL-5541, CLASS 3, TYPE II ROHS COMPLIANT
- MARKING: STANDARD DIAMOND LABEL DATE CODE YYYY

THIRD ANGLE PROJECTION		DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460	
		TITLE: SINGLE CHANNEL ROTARY JOINT - WR284	
SIZE: C	CAGE CODE: 01882	DRAWING NUMBER: CAT 47-446-0	
SCALE 1:2		WEIGHT (EST.):	SHEET 1 OF 1

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