



SPECIFICATIONS

- FREQUENCY: 5.40 - 5.70 GHz
- VSWR: 1.15:1
- INSERTION LOSS: 0.15 dB MAX
- POWER: 1 KW AVG., 1 MW PEAK\*  
\* @ 15 PSIG MIN AND 1.5:1 MAX OUTPUT MISMATCH
- STARTING TORQUE: 100 OZ-IN
- PRESSURIZATION: 15 PSIG
- LEAK RATE: 20 CC/MIN MAX
- MATERIAL: ALUMINUM
- FINISH: TBD
- MASK SURFACES INDICATED (Δ)
- MARKING: DIAMOND STD. LABEL LOCATED APPROX. WHERE SHOWN AND TO INCLUDE P/N, S/N, DATE (MM/DD/YYYY)

THIRD ANGLE PROJECTION

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

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

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

<b>DIAMOND ANTENNA &amp; MICROWAVE CORP</b> LITTLETON, MA 01460		
TITLE: <b>WR187 INLINE ROTARY JOINT</b>		
SIZE: <b>B</b>	CAGE CODE: <b>01882</b>	DRAWING NUMBER: <b>CAT 28-545-0</b>
SCALE <b>5:8</b>	WEIGHT (EST.):	SHEET <b>1 OF 1</b>