



SPECIFICATIONS

FREQUENCY: 29.5 TO 31 GHz
 VSWR: 1.3:1 MAX
 VSWR WOW: 0.1 MAX
 INSERTION LOSS: 0.4 dB MAX
 POWER: 125 W CW

ROTATION: < 82.2 RPM
 START TORQUE: < 65 IN-OZ MAX
 PRESSURE: < 3 PSIG
 ENVIRONMENT: -40° TO +72° C
 MATERIAL: ALUMINUM
 FINISH: IRIDIDE PER MIL-C-5541 CL 3.

THIRD ANGLE PROJECTION



DIMENSIONS ARE IN INCHES.
 REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63
 TOLERANCES ARE:
 FRACTIONS $\pm 1/64$ DECIMALS 2 PLACES $\pm .03$ ANGLES $\pm 1/2^\circ$
 3 PLACES $\pm .010$

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
 LITTLETON, MA 01460

TITLE:
SINGLE CHANNEL WR-28 W/G ROTARY JOINT

SIZE: B	CAGE CODE: 01882	DRAWING NUMBER: CAT 29-1145-0
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SCALE 1:1	WEIGHT (EST.):	SHEET 1 OF 1
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