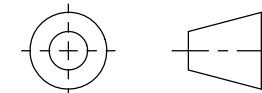


DESIGN SPECIFICATIONS:
(CONTACTLESS DESIGN FOR SPACEFLIGHT APPLICATION)

FREQUENCY (GHz):	8.2 ±0.4
VSWR (MAX):	1.35:1
VSWR WOW (MAX):	0.05
INSERTION LOSS (MAX):	.25 dB
POWER, OPERATING:	6 WATTS CW - NO MULTIPACTION
TEMP, OPERATIONAL:	-55° TO +40° C
TEMP, NON-OPERATING:	-80° TO +40° C
ROTATIONAL SPEED:	2 RPM MAX
TORQUE:	4 OZ-IN MAX
LIFE (MIN):	7.5 YEARS, 50,000 REV
WEIGHT:	2 OZ
VIBRATION:	SEE TABLE
FINISH:	CHRM T CVRSN COAT PER MIL-DTL-5541, CLASS 3 (YELLOW)
VENTING:	-0.5 PSI/SEC MAX
PACKAGING:	BAG AND TAG PER MIL-STD-130

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:
2 AXIS ANTENNA ROTARY JOINT

SIZE: B	CAGE CODE: 01882	DRAWING NUMBER: CAT 95-2124-0
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SCALE 2:1	WEIGHT (EST.):	SHEET 1 OF 1
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