

DESIGN SPECIFICATIONS

ELECTRICAL

FREQUENCY (GHz) :	13.35 - 13.65
VSWR (MAX) :	2.0:1
VSWR WOW (MAX) :	0.05
INSERTION LOSS (MAX) :	1.0 dB
INSERTION LOSS WOW (MAX) :	0.05 dB
POWER, PEAK :	5 W
POWER, AVG :	1 W

MECHANICAL & ENVIRONMENTAL

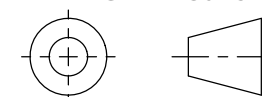
ROTATIONAL SPEED :	50 RPM NORMAL, 120 RPM MAX
TORQUE :	30 OZ.-IN. MAX
WEIGHT :	3.5 LBS. MAX
MATERIAL :	STAINLESS STEEL AND ALUMINUM
FINISH :	PASSIVATE AND CHROMATE CONV. COAT PER MIL-DTL-5541, TYPE II, CLASS 3
MARKING :	TO INCLUDE AS A MIN. DIAMOND P/N & S/N APPLY LABEL APPROX. WHERE SHOWN

SLIP RING

NUMBER OF CIRCUITS :	18
CURRENT :	15 AMPS
VOLTAGE :	440 VAC
MATERIAL :	ALUMINUM AND STAINLESS STEEL W/SILVER-ON-SILVER CONTACTS
FINISH :	BLACK ANODIZED

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 $\pm 1/64$ **DECIMALS** 2 PLACES $\pm .03$ 3 PLACES $\pm .010$ **ANGLES** $\pm 1/2^\circ$

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
 LITTLETON, MA 01460

TITLE:
ROTARY JOINT, 1 CH COAX, 18 CH SLIP RING

SIZE: B	CAGE CODE: 01882	DRAWING NUMBER: CAT 89-2124-0
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SCALE 2:3	WEIGHT (EST.):	SHEET 1 OF 1
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