



SPECIFICATIONS:

FREQUENCY: 17.3-21.3 (GHz)
 VSWR: 1.50:1 MAX.
 VSWR WOW: .05 MAX.
 INSERTION LOSS: .50 dB MAX.
 INSERTION LOSS WOW: .05 dB MAX.
 POWER (avg): 75 W TYP.
 SPEED : 100 RPM TYP.
 PRESSURE: 5 psig
 LEAKRATE: 10 cc/min
 TORQUE: 40 MAX in-oz
 MATERIAL: ALUMINUM
 FINISH: CHROMATE CONVERSION COAT per MIL-C-5541
 PAINT: TBD

MARKING: MASK SURFACES INDICATED BY LABEL TO INCLUDE AS A MINIMUM 7 DIAMOND LOGO, MODEL NUMBER, CAGE CODE & SERIAL NUMBER

THIRD ANGLE PROJECTION		DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460	
		TITLE: WR-51 INLINE ROTARY JOINT	
DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63 TOLERANCES ARE: FRACTIONS ±1/64 DECIMALS 2 PLACES ±.03 ANGLES ±1/2° 3 PLACES ±.010		SIZE: B	CAGE CODE: 01882
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M		DRAWING NUMBER: CAT 11-1000-0	SCALE: 1:1
		WEIGHT (EST.):	SHEET 1 OF 1