



NOTES:

- 1.0 FINISH: TBD
- 2.0 MARK AREA INDICATED WITH STANDARD DIAMOND LABEL.
- 3.0 RUN IN FOR 4 HOURS CW AND 4 HOURS CCW @ 10 RPM.
CHECK TORQUE AND LEAK RATE AFTER RUN IN.

--SUMMARY OF SPECIFICATIONS--	
FREQUENCY:	9.275-9.475 GHz
VSWR:	1.15:1 MAX.
VSWR WOW:	1.02 dB MAX.
INSERTION LOSS:	0.25 dB MAX.
POWER HANDLING:	250 KW PEAK, 250 W AVERAGE @ 25 PSIG
ROTATION RATE:	60 RPM MAX
BASIC MATERIAL:	ALUMINUM/SST
PRESSURE:	25 PSIG MIN.
LEAK RATE:	2 cc/min @ 15 PSIG
LIFE:	44,000 HRS. @ 7RPM
WEIGHT:	1.0 LBS. MAX.
TORQUE:	80 OZ-IN MAX.
TEMPERATURE RANGE:	OPERATING: -54°C TO +71°C (SEA LEVEL TO 40,000 FT.) NON- OPERATING: -55°C TO +85°C (SEA LEVEL TO 50,000 FT.)

THIRD ANGLE PROJECTION		DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460	
		TITLE: LAYOUT/ASSEMBLY, WR90, IN-LINE R/J	
		SIZE: B	CAGE CODE: 01882
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		SCALE 1:2	WEIGHT (EST.):
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M		SHEET 1 OF 1	