



DESIGN SPECIFICATIONS

ELECTRICAL	CH 1	CH 2
FREQUENCY (GHz):	2.7 - 3.7	8.9-9.2
VSWR (MAX):	1.5:1	1.3:1
VSRW WOW/360 deg (MAX)	0.02	0.05
INSERTION LOSS (dB MAX):	.35	0.25
INSERTION LOSS WOW/360 deg (dB MAX):	0.05	0.05
PEAK POWER (W):	5	160
POWER, AVG (W) :	1	30
ISOLATION (dB MIN):	←----- 70 ----->	

MECHANICAL & ENVIRONMENTAL

- ROTATIONAL SPEED: 8 RPM (MAX)
- PRESSURE: NONE
- SEALING WEATHERIZED
- TORQUE: 15 IN-LBS MAX (1.7 NM)
- WEIGHT (MAX): 4.4 LBS (2 KG)
- MATERIAL: ALUMINUM ALLOY
- FINISH: TBD
- MARKING: APPLY DIAMOND STD LABEL AS SHOWN:
LABEL TO INCLUDE THE FOLLOWING AS
A MINIMUM: PART NUMBER, SERIAL NUMBER

ROHS COMPLIANT

THIRD ANGLE PROJECTION		DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460	
DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED. SURF FINISH 63✓		TITLE: DUAL CH R/J, WR-90/SMA - MAIN ASSY	
TOLERANCES ARE: FRACTIONS DECIMALS ANGLES 2/164 3 PLACES 4.010 ±0.2		SIZE: D	CAGE CODE: 01882
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M		DRAWING NUMBER:	01882
SCALE: 1:1	WEIGHT (EST.):	DRAWING NUMBER: CAT 10-22127-0	
		SHEET 1 OF 1	