



SPECIFICATIONS - ROTARY JOINT:

	CHANNEL 1	CHANNELS 2 AND 3 - SEE NOTE 1
FREQUENCY (GHz):	5.4-5.9	1.0-1.1
VSWR (MAX.):	1.15	1.3
VSWR WOW (MAX.):	0.02	0.08
INSERTION LOSS (dB) (MAX.):	0.2	0.5
PEAK POWER (kW):	90	10 @ 1.02 GHz
MEAN POWER (W):	300 AVG	30 AVG
ISOLATION:	50 dB BETWEEN ALL CHANNELS	

SPECIFICATIONS - MECHANICAL/ENVIRONMENTAL:

PRESSURIZATION:	7.3 PSIG (0.05 Mpa)
LEAK RATE:	5 CC/MINUTE MAX.
TORQUE:	15 IN-LB MAX. (1.7 Nm)
ROTATION RATE:	15 RPM
WEIGHT:	9.92 LBS (4.5 KG)
ENVIRONMENTAL:	WEATHERIZED
MATERIAL:	ALUMINUM ALLOY
FINISH:	TBD
MARKING:	DO NOT PAINT WHERE INDICATED BY Δ
LABEL:	LABEL COAX CONNECTORS AS SHOWN
	APPLY DIAMOND STD. LABEL AS SHOWN
	LABEL IS TO INCLUDE THE FOLLOWING AS A MINIMUM:
	P/N: _____
	S/N: _____
	DATE CODE: _____

NOTES:

- COAX CHANNELS:**
CHANNEL 2=P1 & P2
CHANNEL 3=P3 & P4

	DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460	
	TITLE: 3 CH ROTARY JOINT, WR187, TNC TO SMA (2X)	
<small>DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX. UNLESS OTHERWISE SPECIFIED. SURF FINISH 63. TOLERANCES ARE:</small>	<small>SIZE: CAGE CODE: DRAWING NUMBER:</small> D 01882 CAT 2365-0	<small>INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M</small>
<small>FRACTIONS: 2 PLACES 1/16 3 PLACES 1/32 4 PLACES 1/64</small>	<small>DECIMALS: 1/16 1/32 1/64</small>	<small>ANGLES: 1/2 1/4 1/8</small>
SCALE: 1:1	WEIGHT (EST.):	SHEET 1 OF 1