



**SPECIFICATIONS:**

DESIGNATION	CHANNEL 1 J1-J2	CHANNEL 1 J1-J2	CHANNEL 2 J3-J4
FREQUENCY, MHz:	1020-1100	1250-1350	1020-1100
VSWR, MAX:	1.5:1	1.2:1	1.5:1
VSWR WOW, MAX:	.05	.05	.05
INSERTION LOSS, dB MAX:	0.5	0.2	0.5
POWER, PEAK, UNPRESSURIZED:	5 KW	113 KW	5 KW
POWER, AVERAGE, UNPRESSURIZED:	50 W	3.5 KW	50 W
ISOLATION, dB MIN:	40	40	40
PRESSURIZATION:	15 PSIG TYP	30 PSIG MAX	
LEAK RATE @ 15 PSIG & 23°C, MAX:	15 CC/MIN		
ROTATIONAL SPEED, TYPICAL:	15 RPM		
STARTING TORQUE @ 23°C, MAX:	20 FT. LBS. @ 15 PSIG		
RUNNING TORQUE @ 23°C, MAX:	15 FT. LBS. @ 6, 12 & 15 RPM & 15 PSIG.		
TEMPERATURE, OPERATING:	-54°C TO +65°C		
TEMPERATURE, NON-OPERATING:	-62°C TO +75°C		

MATERIAL: PRIMARILY ALUMINUM ALLOY

FINISH: TBD

MARKING: PERMANENTLY MARK INFORMATION SHOWN & CHANNEL DESIGNATIONS PER MIL-STD-1285, LOCATED APPROX. AS SHOWN USING .12 HIGH WHITE CHARACTERS. SER NO STARTING AT 0001, MANUFACTURE DATE CODE 2 DIGIT YEAR - 2 DIGIT WEEK

ALL DIMENSIONS APPLY BEFORE BASECOAT & TOPCOAT.

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: 2 CHANNEL COAXIAL ROTARY JOINT	
SIZE: D	CAGE CODE: 01882	DRAWING NUMBER: CAT 10-2362-0	
SCALE: 1:2		WEIGHT (EST.):	SHEET 1 OF 1