



SPECIFICATIONS

UNIT:	CH #1	CH #2
FREQUENCY (GHz):	9.2-9.7	9.2-9.7
VSWR (max):	1.30:1	1.40:1
INS. LOSS (dB max):	.25	.50
WOW (Loss)/360° (dB):	.05	.05
VSWR (Rot/360°):	.05	.05
PHASE WOW:	+/-1° (MAX)	
*POWER (peak):	300 kW	100kW
POWER (avg):	500W	250W
ISOLATION (dB):	60	20
PRESSURE (psig):	20	20
LEAK RATE (cc/min, max):	10	10
ROTATIONAL SPEED (RPM):	30	
TORQUE (oz-in, max):	60	
MATERIAL:	ALUMINUM	

FINISH: TBD

MARKING: DIAMOND LOGO, P/N AND SERIAL NO.

* REQUIRES 15 PSIG MIN.

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63 TOLERANCES ARE:

FRACTIONS	DECIMALS	ANGLES
±1/64	2 PLACES ±.05	±1/2°
	3 PLACES ±.010	

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

TITLE: **2 CHANNEL ROTARY JOINT**

SIZE: C	CAGE CODE: 01882	DRAWING NUMBER: CAT 15-2354-0
SCALE: 1:1	WEIGHT (EST.):	SHEET 1 OF 1