



Specifications	CH 1	CH 2
Frequency (GHz)	8.5-9.6	1.01 - 1.35
VSWR (MAX)	1.25	1.3
WOW (MAX)	0.03	0.05
Insertion Loss (dB MAX)	0.2	0.4
Peak Power (KW) (@ 25C and .1 Mpa abs)	175	5
Avg. Power (KW) (@ 25C and .1 Mpa abs)	0.175	0.25
Pressure (MPa MAX)	0.2	0.2
Connectors	MIL-F-3922/53-004	SMA
Isolation	50 Db	

Mechanical	
Torque (MAX)	.4 Nm (3.4 in*lb)
Leak rate (MAX)	25 cm ³ /min
Weight (aprox.)	1.0 kg (2.2#)
Temp. Operational	-40C to 85C
Rotational Speed	150 rpm
Life	10 x 10 ⁶ rev
Material	Aluminum
Finish	Chromate and paint Diamond Black
Masking	Indicated by
Marking	Diamond STD

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 ±.03 ±1/2
3 PLACES ±.010

INTERPRET DIMENSIONS &
TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

TITLE: **2 CH, ROTARY JOINT, WR112 U STYLE/
SMA**

SIZE: C	CAGE CODE: 01882	DRAWING NUMBER: CAT 23-2287-0
SCALE: 1:1	WEIGHT (EST.):	SHEET 1 OF 1