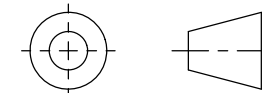


Specifcatons	CH 1	CH 2
Frequency (GHz)	7.9-8.4	7.25-7.75
VSWR (MAX)	1.5:1	1.5:1
VSWR WOW (MAX)	0.05	0.05
Insetion Loss (dB MAX)	0.25	0.5
Avg. Power (W) @36,000 ft	100	1
Pressure (MPa MAX)	NONE	NONE
Isolation	50 dB	
Humidity	Condensing (100%)	
Mechanical		
Torque	100 In-Oz. Max	
Temperature Operating	-51 to 71 C	
Temperature Non-Operating	-54 to 90 C	
Weight (nominal)	1.4 lbs w/o slip ring	
Material	Aluminum	
Finish	Chromate and paint Diamond Black	
Masking	Indicated by: ▽	
Marking	Diamond STD	
Slip Ring		
No Channels	43	
Current	3 A MAX	

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 L
STYLE/SMA,**

SIZE: B	CAGE CODE: 01882	DRAWING NUMBER: CAT 24-2287-0
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SCALE 1:2	WEIGHT (EST.):	SHEET 1 OF 1
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