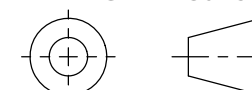


SUMMARY OF SPECIFICATIONS

	CHAN 1	CHAN 2
FREQUENCY (GHz):	7.9 - 8.4	7.25 - 7.75
TRANSMISSION LINE:	COAX	COAX
VSWR:	1.25:1	1.25:1
VSWR WOW:	0.05	0.05
LOSS (dB):	(0.4 MAX)	0.4 MAX
LOSS WOW (dB):	.05 /360°	.05 /360°
POWER AVERAGE:	400 W MAX	RECEIVE < 1 W
ROTATION SPEED:	60°/SEC	
ISOLATION (MIN):	60 dB BETWEEN CHANNELS	
MATERIAL:	ALUMINUM	
FINISH:	CHROMATE CVRSN PER MIL-DTL-5541, CL 3	

THIRD ANGLE PROJECTION



DIMENSIONS ARE IN INCHES.
 REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63
 TOLERANCES ARE:
 FRACTIONS $\pm 1/64$ DECIMALS 2 PLACES $\pm .03$ ANGLES $\pm 1/2^\circ$
 3 PLACES $\pm .010$

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
 LITTLETON, MA 01460

TITLE:
DUAL CHAN COAX ROTARY JOINT

SIZE: B	CAGE CODE: 01882	DRAWING NUMBER: CAT 47-2255-0
SCALE 3:4	WEIGHT (EST.):	SHEET 1 OF 1