

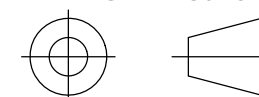
---SUMMARY OF SPECIFICATIONS---

ELECTRICAL	UNITS	CHANNEL 1		CHANNEL 2
		C-BAND	X-BAND	Ku-BAND
OPERATING FREQUENCY	GHz	5.85-6.425	7.9-8.4	14.00-14.50
VSWR, MAX	-	1.4:1	1.2:1	1.3:1
VSWR WOW, MAX	-	0.1		0.1
INSERTION LOSS, MAX	dB	0.3	0.2	0.25
INSERTION LOSS WOW MAX	dB	0.05		0.1
AVERAGE POWER, MAX	WATTS	700		200
SPEED	RPM	1		1
ROTATION	DEG	UNLIMITED		
WEIGHT, MAX	lbs	4		
NORMAL OPER. PRESSURE	PSIG	0.5		
MAX. PRESSURE	PSIG	2		
LEAK RATE, MAX.	CC/ MINUTE	10		
TORQUE, MAX.	ft-lb	1		

NOTES:

1.0 MARKING; MARK PER CUSTOMER SPECIFICATION

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
 \pm 1/64 2 PLACES \pm .03 \pm 1/2"
3 PLACES \pm .010

INTERPRET DIMENSIONS &
TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP

LITTLETON, MA 01460

TITLE:

DUAL CHANNEL ROTARY COUPLER
WR137/WR75

SIZE:

B

CAGE CODE:

01882

DRAWING NUMBER:

CAT 22102-0

SCALE

1:2

WEIGHT (EST.):

SHEET 1 OF 1