



DESIGN SPECIFICATIONS

	CHANNEL #1	CHANNEL #2
FREQUENCY (GHz):	1.4-2.6	1.4-2.6
VSWR (max):	1.50:1	1.50:1
VSWR WOW (max):	.1	.1
INSERTION LOSS (max):	.2dB	.2dB
I.L. WOW (max):	.1dB	.1dB
POWER, PEAK (min):	1 W (@2 GHz)	1 W (@2 GHz)
POWER, AVERAGE (min):	100 mW (@2 GHz)	100 mW (@2 GHz)
ISOLATION (min):	<----- 50 dB ----->	

ROTATIONAL SPEED (max):	60 RPM
TORQUE (max):	120 oz.-in.
PRESSURIZATION:	0.5 PSIG
LEAK RATE:	0.2cu ft/hr, w/ conn. capped
WEIGHT:	2 lbs.
CHANNEL MARKING:	1/8 BLACK CHARACTERS

THIRD ANGLE PROJECTION		DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460	
		TITLE: DUAL CHANNEL ROTARY COUPLER, TYPE N	
		SIZE: B	CAGE CODE: 01882
DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63 TOLERANCES ARE: FRACTIONS ±1/64 DECIMALS 2 PLACES ±.03 ANGLES ±1/2° 3 PLACES ±.010		SCALE: 1:1	WEIGHT (EST.):
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M		SHEET 1 OF 1	