



SPECIFICATIONS:

	CH 1	CH 2 (DIF)	CH 3 (GRD)
FREQUENCY	X-Band		
VSWR, MAX:	1:1.25	1:1.50	1:1.50
VSWR WOW, MAX:	✓ .05	✓ .10	✓ .01
INSERTION LOSS, dB MAX:	✓ .20	✓ 1.2	✓ 1.2
PEAK POWER, KW:	✓ 60	✓ 1	✓ 1
AVERAGE POWER, W:	✓ 550	✓ 8	✓ 8
CONNECTOR, CH 1	WR-90 CHOKE FLANGE		
CONNECTOR, CH 2 & CH 3	SMA		
ISOLATION, CH 2 TO CH 3:	25 dB		
ISOLATION, CH 1 TO CH 2 & CH 3:	30 dB		
TEMPERATURE, OPERATING:	-54C TO +55C		
TEMPERATURE, NON-OPERATING:	-55C TO +71C		
PRESSURE, PSIG MAX:	35		
TORQUE @ -55C	60 IN-OZ		

NOTES:

1. MATERIAL: PRIMARILY ALUMINUM ALLOY.
2. FINISH: CHEMICAL CONVERSION COAT PER MIL-DTL-5541, TYPE II, CLASS 3.

THIRD ANGLE PROJECTION 	DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460		
	TITLE: WR-90 ROTARY JOINT		
DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED. SURF FINISH 63 TOLERANCES ARE: FRACTIONS DECIMALS ANGLES 2/100 2 PLACES 0.01 1/12 3 PLACES 0.010 1/12	SIZE: D	CAGE CODE: 01882	DRAWING NUMBER: CAT 20-2350-0
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M	SCALE: 1:1	WEIGHT (EST.):	SHEET 1 OF 1