



	CHANNEL 1	CHANNEL 2
FREQUENCY (GHz):	7.9 - 8.5	7.9 - 8.5
VSWR (max):	1.5:1	1.25:1
VSWR WOW:	.10	.10
INSERTION LOSS (max):	.5 Db	.5 dB
INSERTION LOSS WOW:	.10 dB	.10 dB
PEAK POWER, (W):	100	100
AVERAGE POWER, (W):	15 CW	15 CW
ISOLATION:	< ----- 40 dB ----- >	
ROTATIONAL SPEED:	5 RPM nom, 10 RPM max	
OPERATING TEMP.:	-50°C TO +100°C	
TORQUE (max):	20 oz-in (.1 nm) @ 20°C	
OPERATING LIFE:	20,000 REVS, MIN	
WEIGHT (nom):	10 oz	
FINISH:	CHROMATE CONVERSION, PER MIL-DTL-5541, TYPE II, CLASS 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	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: **DUAL CHANNEL SMA ROTARY JOINT**

SIZE: B	CAGE CODE: 01882	DRAWING NUMBER: CAT 116-2255-0
SCALE: 1:1	WEIGHT (EST.):	SHEET 1 OF 1