



SPECIFICATIONS

PARAMETER	CH 1	CH 2	CH 3
ELECTRICAL:			
FREQUENCY (GHz):	9.0-9.5	1.0-1.1	1.0-1.1
VSWR:	1.2:1 max	1.2:1 max	1.2:1 max
VSWR WOW:	0.05 max	0.05 max	0.05 max
INSERTION LOSS:	0.20 dB max	0.60 dB max	0.50 dB max
INSERTION LOSS WOW:	0.05 dB max	0.10 dB max	0.10 dB max
POWER, PEAK:	100 kw	1 kw	1kw
POWER, AVERAGE:	500 w	50 w	50 w
ISOLATION:	50 dB		

SLIP RING: 6 CIRCUIT, 50 VDC @ 1 AMP USING GOLDWIRE TECHNOLOGY
 CONTACT RESISTANCE: 100 MILLIOHMS MAX.
 NOISE: 10 MILIVOLTS MAX.

MECHANICAL:

PRIMARY MATL: ALUMINUM
 FINISH: CHROMATE
 LIFE: 20,000 hours
 TORQUE, STARTING: 7 in/lbs max
 ROTATION SPEED: 60 RPM
 WEIGHT: 4.30 lbs max
 PRESSURE: 20 psi
 LEAKAGE: 10 cc/min
 MARKING: PER MIL-STD-130 BLACK INK
 1/8 HIGH CHARACTERS
 FINISH: TBD
 MASK AS INDICATED BY A

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 ±.05 ±1/2
 3 PLACES ±.010

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
 LITTLETON, MA 01460

TITLE:
3 CHAN R/J & 6 CIRCUIT SLIP RING

SIZE: C	CAGE CODE: 01882	DRAWING NUMBER: CAT 2353-0
SCALE: 1:1	WEIGHT (EST.):	SHEET 1 OF 1