



DESIGN SPECIFICATIONS

ELECTRICAL

CHANNEL DESIGNATION	CH1	CH2
FREQUENCY (GHz):	13.75 - 14.5	10.95 - 12.75
VSWR, MAX:	1.30:1	1.40:1
VSWR WOW, MAX:	0.1	0.1
INSERTION LOSS, dB MAX:	0.4	0.5
INSERTION LOSS WOW, dB MAX:	0.1	0.1
INPUT POWER, MAX:	60 W	10 W
CONNECTOR:	WR 62 (CUSTOM)	SMA (F)
ISOLATION:	----- 50dB -----	

MECHANICAL & ENVIRONMENTAL

ROTATIONAL SPEED:	10 RPM
MATERIAL:	ALUMINUM
FINISH:	CHROMATE CVRSN PER MIL-DTL-5541, TYPE 1, CL 3, YELLOW
WEIGHT:	4.0 LBS
LIFE:	25000 HRS @ 10 RPM
TORQUE:	20 IN-OZ @ 25°C
OPERATING TEMPERATURE:	-55°C TO +70°C
MARKING:	MARK IN AREA SHOWN WITH THE FOLLOWING: - SERIAL NO. - DATE CODE YYWW

14 CHANNEL SLIP RING

SIGNAL:	12 CHANNELS @ 2 AMPS EACH
POWER:	2 CHANNELS @ 14 AMPS EACH

THIRD ANGLE PROJECTION

 DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED. SURF FINISH 63 TOLERANCES ARE:
 FRACTIONS 2/64 DECIMALS 2 PLACES ±.05 ANGLES 2/12
 3 PLACES ±.010
 INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460			
TITLE: DUAL CHANNEL ROTARY JOINT W/ SLIP RING			
SIZE: C	CAGE CODE: 01882	DRAWING NUMBER: CAT 30-2266-0	
SCALE 3:4	WEIGHT (EST.):	SHEET 1 OF 1	