

DESIGN SPECIFICATIONS

ELECTRICAL

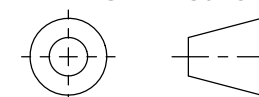
	CHANNEL #1	CHANNEL #2	
FREQUENCY (GHz):	DC-18	DC-2.0	2.0-4.0
VSWR (MAX):	1.80:1	1.35:1	2.0:1
VSWR WOW (MAX):	0.05	0.1	0.2
INSERTION LOSS (dB max):	1.5	0.4	1.0
WOW (dB MAX):	0.05	0.1	0.2
POWER, PEAK (KW MAX):	5	5	
POWER, AVERAGE (W MAX):	200 @ 1 GHz	200 @ 1 GHz	
ISOLATION (MIN):	<-----50 dB----->		

MECHANICAL

ROTATIONAL SPEED (MAX):	300 RPM
OPERATING TEMP.	<----- -40 DEG. C TO +55 DEG. C----->
STORAGE TEMP.	<----- -55 DEG. C TO +70 DEG. C----->
TORQUE (MAX):	8 oz.-in.
WEIGHT (NOM):	5 oz.
MATERIAL:	ALUMINUM
FINISH:	IRIDITE
	ROHS COMPLIANT

F/T

THIRD ANGLE PROJECTION



DIMENSIONS ARE IN INCHES.
REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63
TOLERANCES ARE:
FRACTIONS \pm 1/64 DECIMALS 2 PLACES \pm .03 ANGLES \pm 1/2°
3 PLACES \pm .010

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

TITLE:

DUAL CHAN ROTARY COUPLER, SMA

SIZE:

B

CAGE CODE:

01882

DRAWING NUMBER:

CAT 2244A-0

SCALE 1:1

WEIGHT (EST.):

SHEET 1 OF 1