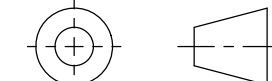


**DETAIL A
SCALE 2 : 1**

DESIGN SPECIFICATIONS

FREQUENCY (GHz) :	7.1 - 8.5
VSWR (MAX) :	1.20:1
VSWR WOW (MAX) :	0.05
INSERTION LOSS (MAX) :	0.25 dB
INSERTION LOSS WOW (MAX) :	0.05
FLANGES :	WR-112 CMR (MODIFIED)
TORQUE (MAX) :	4 IN-OZ
WEIGHT (MAX) :	2 LBS
TEMPERATURE, OPERATING :	-40° C TO +85° C
TEMPERATURE, NON-OPERATING :	-60° C TO +95° C

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:

WR112 U-STYLE ROTARY JOINT

SIZE:
C

CAGE CODE:
01882

DRAWING NUMBER:
CAT 22-747-0

SCALE
1:1

WEIGHT (EST.):

SHEET **1 OF 1**