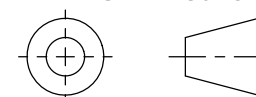


CPR-137G, 2 PLCS  
MASK OR PLUG ALL  
FLANGE HOLES,  
BOTH FLANGES

**SPECIFICATIONS**

- FREQUENCY: 5.85 - 7.00
- VSWR (MAX): 1.20:1
- VSWR WOW (MAX): 0.05
- INSERTION LOSS (MAX): .20 dB
- WOW (MAX): .05 dB
- POWER: 5 KW CW
- PRESSURE: 10 PSIG
- LEAK RATE: 20 CC/MIN
- TORQUE: 12 IN-LBS
- ROTATIONAL SPEED: TO 10 RPM
- MATERIAL: ALUMINUM ALLOY
- FINISH: TBD
- (MASK SURFACES INDICATED BY  $\Delta$ )

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  $\pm 1/2^\circ$   
3 PLACES  $\pm .010$

INTERPRET DIMENSIONS &  
TOLERANCES PER ASME Y14.5M

**DIAMOND ANTENNA & MICROWAVE CORP**  
LITTLETON, MA 01460

TITLE:

**WR137 U-STYLE ROTARY JOINT**

SIZE:

**B**

CAGE CODE:

**01882**

DRAWING NUMBER:

**CAT 46-646-0**

SCALE

**1:1**

WEIGHT (EST.):

SHEET **1 OF 1**