THIRD ANGLE PROJECTION

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

"I" STYLE ROTARY JOINT

DIMENSIONS ARE IN INCHES.
REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63 TOLERANCES ARE:

FRACTIONS

1/64  2 PLACES

.03

1/2  3 PLACES

.010

8X \( \phi .281 \) THRU EQL SP ON BC

DESIGN SPECIFICATIONS

FREQUENCY (GHz): 1.750-1.850 & 2.025-2.120
VSWR (max): 1.15:1
VSWR WOW (max): 0.03
INSERTION LOSS (max): 0.15 dB
INSERTION LOSS WOW (max): 0.03 dB
POWER: 300W CW

ROTATIONAL SPEED (max): 15 DEGREES/SECOND
TORQUE (max): 10 ft-lbs
LIFE (min): 5000 hrs
WEIGHT (nom): 50 lbs
PRESSURE: 0.3±0.2 PSIG
LEAK RATE: 2.5 CUBIC cm PER MIN @ 0.3 PSIG

MATERIAL: ALUMINUM 6061-T6

FINISH: TBD

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

FLANGE - WR430 (UG #1711U) BOTH ENDS

SCALE: 1:3
WEIGHT (EST.): SHEET 1 OF 1

CAGE CODE: DRAWING NUMBER: SIZE: 01882  CAT 17-345-0