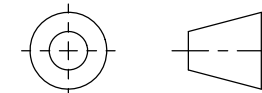


SPECIFICATIONS

| | |
|---------------------------|--|
| FREQUENCY | 9.25-9.35 GHz |
| VSWR | 1.20:1 MAX |
| VSWR WOW | .03 MAX |
| INSERTION LOSS | .20 dB MAX |
| INSERTION LOSS WOW | .05 dB MAX |
| POWER (PEAK) | 450 KW @ 20 PSIG MIN PRESSURE OF CLEAN DRY AIR |
| PULSE WIDTH | 1.0 MICROSECOND MAX |
| POWER (AVG) | 450 CW MAX |
| PHASE WOW | .5° MAX |
| OUTPUT MISMATCH | 1.5:1 MAX |
| WEIGHT | 2 lbs MAX |
| PRESSURE | 20 PSIG MIN OF CLEAN DRY AIR |
| LEAK RATE | 10 CC/MIN |
| STARTING TORQUE | 100 oz-in MAX |
| MATERIAL | COPPER ALLOY |
| FINISH | SILVER PLATE PER ASTM B700 |
| TEMPERATURE | |
| OPERATING & NON OPERATING | -40°C to +65°C |
| MARKING | MARK PER MIL-STD-130 |

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:

SINGLE CHAN WR112 I STYLE RJ

SIZE:

B

CAGE CODE:

01882

DRAWING NUMBER:

CAT 33-745-0

SCALE

1:1

WEIGHT (EST.):

SHEET **1 OF 1**