DESIGN SPECIFICATIONS

FREQUENCY (GHz): DC - 18.0
VSWR (max): 1.50:1
VSWR WOW (max): .05
INSERTION LOSS (max): .50 dB
INSERTION LOSS WOW (max): .10 dB
POWER, PK. (min): 5 KW
POWER, AVG. (min @ 1 GHz): 200 W

ROTATIONAL SPEED: 50 RPM nom., 500 RPM max.
TORQUE: 4 oz.-in. max., 2 oz.-in. nom.
LIFE (min): 8,334 HOURS @ 50 RPM = 25,000,000 REV'S
WEIGHT: 2 oz.
SEALING: WEATHERIZED
MARKING: TO INCLUDE AS A MIN. DIAMOND P/N & S/N

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
.010 3 PLACES

ANGLES

EQ. SP.

SEALING: WEATHERIZED
MARKING: P/N & S/N

LITTLETON, MA  01460
DIAMOND ANTENNA & MICROWAVE CORP

THIRD ANGLE PROJECTION

SINGLE CHANNEL, SMA, ROTARY JOINT, WEATHERIZED (DC-18)

DIMENSIONS ARE IN INCHES.
REMOVE ALL BURRS AND SHARP EDGES, .005 MAX, UNLESS OTHERWISE SPECIFIED. SURF FINISH 63;
TOLERANCES ARE AS PER ASME Y14.5M.

B 01882 CAT18-2124W-0

SCALE: 1:1

WEIGHT (EST.):