DESIGN SPECIFICATIONS:
(CONTACTLESS DESIGN FOR
SPACEFLIGHT APPLICATION)

FREQUENCY (GHz): 8.0 - 8.400
VSWR (max): 2.9:1
VSWR WOW (max): .25
INSERTION LOSS (max): .25 dB (.15 dB GOAL)
POWER, OPERATING: 10 WATTS CW
TEMP. OPERATIONAL: -25 TO +85 DEGREES C
NON-OPERATING: -90 TO +85 DEGREES C
ROTATIONAL SPEED: 2 RPM max.
TORQUE: 4 oz.-in. max.
LIFE (min): 133,333 REV
WEIGHT: 2 oz.
FINISH: CHROMATE CONVERSION
VENTING: -0.5 psi/sec max.

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

DRAWING NUMBER:
67-2124-0

MARKING
TOLERANCES:
3X .125
3X .136 THRU
3X R.125

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

FRACTIONS 3 PLACES
DECIMALS 1/64 .03
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