SPECIFICATIONS:

FREQUENCY (GHz)                          DC - 40
VSWR (MAX)                               DC - 40: 1.4:1
VSWR WOW (MAX)                           DC - 40: 0.05
INSERTION LOSS (dB)                      DC - 18: 0.4 MAX (0.3 TYP)
                                         18 - 26.5: 0.75 MAX (0.5 TYP)
                                         26.5 - 40: 1.0 MAX (0.75 TYP)
INSERTION LOSS WOW (dB, MAX)             DC - 40: 0.05
POWER (PEAK):                            500 W @ 1.0 GHz
POWER (AVG):                             50 W @ 1.0 GHz
CURRENT (MAX):                           3 A DC
TEMPERATURE:                             -40°C TO +85°C
ROTATIONAL SPEED (RPM, MAX)              200
TORQUE (IN OZ, MAX)                      1 @ 23°C
WEIGHT                                   1.2 OZ (EST)
MATERIAL: PRIMARILY STAINLESS STEEL UNS-S30300 PER ASTM A582
FINISH: PASSIVATE PER SAE AM S2700 OR A STM-967 (ROHS COMPLIANT)
MARKING: DIAMOND ANTENNA STANDARD LABEL WITH MODEL NO.,
SER. NO. & CODE IDENT.

DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND
SHARP EDGES. 0.03 MAX, UNLESS O THERWISE
SPECIFIED. SURF FINISH 63
TOLERANCES ARE:
FRACTIONS 2 PLACES
DECIMALS 3 PLACES
ANGLES ± .005