SPECIFICATIONS:

FREQUENCY: 27.5-31.0 GHz
VSWR, MAX: 1.30:1
VSWR WOW, MAX: 0.20
INSERTION LOSS, dB MAX: 0.45
INSERTION LOSS WOW, dB MAX: 0.20
PHASE WOW, MAX: 3.5°
POWER, PEAK, W MIN: 200
POWER, AVERAGE, W MIN: 40 @ 30 GHz
ROTATIONAL SPEED, TYPICAL: 50 RPM
ROTATIONAL SPEED, MAX: 300 RPM
TORQUE, STARTING, TYPICAL: 2 IN- OZ @ 25°C
TORQUE, STARTING MAX: 15 IN- OZ
TEMPERATURE, OPERATING: 7 OZ
WEIGHT, MAX: 0.500
TEMPERATURE, NON-OPERATING: -55°C TO +71°C
ALTITUDE, FEET: 55,000 (16,764m)

NOTES:
1. MATERIAL: PRIMARILY ALUMINUM ALLOY.
2. FINISH: CHEMICAL CONVERSION COAT PER MIL-DTL-5541, TYPE II, CLASS 3 (ROHS COMPLIANT).
3. MARKING: LASER MARK, AFTER FINISH, APPROXIMATELY WHERE SHOWN IN ACCORDANCE WITH MIL-STD-130 & MARKING REQUIREMENTS DRAWING 20-1146-60. S/N XXXX STARTING WITH 0001.
REV Y = CURRENT REVISION OF DRAWING 20-1146-0.