

View Online at <https://aerobasegroup.com/nsn/6615-01-354-9253>

Current Type:

Ac/dc

Shock Mount:

Not provided

Design Type:

Noncageable

Unit Type:

Directional

Wheel Power Method:

Electric

Freedom Axis Quantity:

2

Gimbal Quantity:

2

Axis Displacement Limitation In Deg:

Non-g-sensitive drift not to exceed 25 deg/r and g-sensitive drift shall be 10 deg/hr/g about the input axis within the plane

Gimbal Torque Application Method:

Ac torque motor

Torqued Gimbal Quantity:

2

Sensing Output/signal Level Method:

Single x and y pickoff from a positive and a negative comparator and pickoff excitation through a transformer

Temperature Control Method:

Externally applied

Instrument Type:

Unfloated

Phase:

Two

Special Features:

Ggyro is a 2 degrees of freedom, dry flexure suspended tuned rotor gyro, hermetically sealed, with special rotating flexure suspension mounted to one end of rotating shaft. The flexure supports and pivots the inertial flywheel, a compensator is tuned to eliminate pivot restraints, the other shaft end is driven by a synchronous motor. The variable inductance pickoff provides electrical signals in proportion to case displacement angles about its 2 orthogonal axes

Frequency In Hertz:

400.0

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

T261-b