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End Application:

Part of inertial navigation units part number series 890600-xxx and 890500-xxx, f-16 and f-15 aircraft

Product Name:

Ring laser gyroscope

Special Features:

Hardness critical item and contains electrostatic discharge sensitive parts and assemblies

Functional Description:

The Ig9028 is a single-axis ring laser gyro consisting of an active lasing element, support and dither mechanism, dual body and pre-amp dither pickoffs, plasma current regulators, ballast network, photodiode pre-amps, and temperature monitors all contained in a steel case

Nuclear Hardness Critical Feature:

Hardened

Reference Data And Literature:

T.O. 5n1-4-22-14

Supplementary Features:

Input power +/- 5 vdc, +/-15 vdc, plus 2500 volts plasma start and minus 1500 volts plasma cathode supply; maximum rigid body angular rate +/- 410 deg/sec, maximum rigid body angular acceleration +/- 1100 deg/sec, maximum rigid body linear acceleration +/- 12 g's

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T261-b