

View Online at <https://aerobasegroup.com/nsn/5985-00-106-0906>

Overall Length:

5.250 inches

Overall Height:

1.750 inches

Overall Width:

3.300 inches

Mounting Hole Diameter:

0.144 inches

Mounting Hole Quantity:

6

Frequency Rating:

0.950 gigahertz single antenna element and 1.220 gigahertz single antenna element

Distance Between Mounting Facility Centers:

Between 1.250 inches and 4.500 inches

Operating Temperature Range:

-55.0 to 250.0 degrees celsius

Coaxial Connector Series Designation:

Bnc single antenna element

Connector End Design:

Socket single antenna element

Electromagnetic Polarization Type:

Vertical single antenna element

Radiation Pattern:

Omnidirectional single antenna element

Power Rating:

100.000 watts average single antenna element and 10.500 kilowatts peak single antenna element

Characteristic Impedance In Ohms:

50.0 single antenna element

Termination Identification:

M25708-1-01 single antenna element

Termination Manufacturer Code:

81349 single antenna element

Beam Scanning Method:

Fixed single antenna element

Design Type:

Blade single antenna element

Mounting Method:

Base and unthreaded hole

Terminal Type:

Connector, receptacle single antenna element

Beam Width Angle:

2.0 degrees vertical single antenna element

Power Gain In Decibels:

0.50 single antenna element

Precious Material And Location:

Contact surfaces gold

Precious Material:

Gold

Test Data Document:

81349-mil-a-25708 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Specification Data:

81349-mil-a-25708/1 government specification

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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