

View Online at <https://aerobasegroup.com/nsn/5935-01-533-9310>

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape threaded

Overall Length:

34.16 millimeters

Overall Diameter:

Between 60.2 millimeters and 61.2 millimeters

Environmental Protection:

Moisture proof and salt water resistant and vibration proof and corrosion resistant and dust resistant and fuel resistant and fungus resistant and humidity resistant and oil resistant and shock resistant and thermal shock resistant and vibration resistant

Distance From Mounting Shoulder To Front Face:

Between 27.5 millimeters and 28.4 millimeters

Mounting Facility Thickness:

Between 1.5 millimeters and 3.2 millimeters

Threaded Device Type:

Back shell and mounting bushing

Mating End Quantity:

1

Contact Position Arrangement Style:

25-4 single mating end

Contact Removability:

Removable single mating end all contact groupings

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

0.0 and 110.0 and 250.0

Shell Type:

Solid

Connector Locking Method:

Detent

Operating Temperature Rating:

Between -65.0 degrees celsius and 200.0 degrees celsius

Thread Size:

37.0 millimeters and 47.0 millimeters

Thread Pitch In Millimeters:

1.00 and 1.00

Terminal Location:

Back single mating end all contact groupings

Contact Material:

Copper alloy single mating end all contact groupings

Contact Surface Treatment:

Gold single mating end all contact groupings

Insert Material:

Plastic epoxy single mating end

Terminal Type:

Crimp single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Nickel

Thread Tolerance Class:

6g external and 6g external

Included Contact Quantity:

8 single mating end 1st contact grouping

Bushing Accommodation Hole Shape:

Round w/flat

Included Contact Type:

Round socket single mating end all contact groupings

Precious Material And Location:

Contact surfaces gold

Precious Material:

Gold

Test Data Document:

81349-mil-dtl-38999 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.).

Thread Series Designator:

Iso m and iso m

Specification Data:

81349 - mil-dtl-38999/44 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0