

View Online at <https://aerobasegroup.com/nsn/5935-01-520-5327>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Unable To Decode:**

Unable to decode and unable to decode and unable to decode and unable to decode

**Overall Length:**

33.6 millimeters

**Overall Height:**

46.0 millimeters

**Overall Width:**

33.3 millimeters

**Environmental Protection:**

Corrosion resistant and fungus resistant and moisture resistant and salt spray proof and shock resistant and vibration resistant and weather resistant

**Center To Center Distance Between Mounting Facilities Parallel To Height:**

Between 34.9 millimeters and 38.1 millimeters

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

Between 34.9 millimeters and 38.1 millimeters

**Distance From Mounting Shoulder To Front Face:**

18.7 millimeters

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

25-20 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0 and 50.0 and 160.0 and 190.0 and 225.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded shell

**Thread Size:**

1.0 millimeters and 1.625 inches

**Terminal Location:**

Back single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Resin synthetic

**Shell Surface Treatment:**

Cadmium

**Thread Tolerance Class:**

6g external

**Included Contact Quantity:**

4 single mating end 2nd contact grouping

**Included Contact Type:**

Round socket single mating end all contact groupings

**Special Features:**

Furnished items - protective cover and insertion-extraction tool and sealing plug and spare contact

**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 special acme

**Specification Data:**

81349 -mil-dtl-38999/20 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0