

View Online at <https://aerobasegroup.com/nsn/5935-01-340-7475>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

31.5 millimeters

**Overall Height:**

Between 30.9 millimeters and 31.3 millimeters

**Overall Width:**

Between 30.9 millimeters and 31.3 millimeters

**Unable To Decode:**

Unable to decode and unable to decode

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**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

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

Between 23.0 millimeters and 24.6 millimeters

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

Between 23.0 millimeters and 24.6 millimeters

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

Between 19.5 millimeters and 20.9 millimeters

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

15-35 single mating end

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0 and 105.0 and 140.0 and 204.0 and 307.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 175.0 degrees celsius

**Thread Qty Per Inch (tpi):**

10

**Thread Size:**

1.000 inches and 22.0 millimeters

**Thread Pitch In Millimeters:**

1.00

**Insert Material:**

Plastic epoxy single mating end

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416 federal specification single treatment response

**Thread Tolerance Class:**

6g external

**Special Features:**

Between mounting slot width 3.0 millimeters and 3.4 millimeters

**Test Data Document:**

81349-mil-c-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:**

Special acme and iso m

**Specification Data:**

81349-mil-c-38999/20 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

**Mil-std (military Standard):**

Mil-c-38999 spec.