

View Online at <https://aerobasegroup.com/nsn/5935-01-389-7106>

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, internal coupling

**Overall Length:**

38.9 millimeters

**Overall Diameter:**

43.3 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 vibration resistant and vibration resistant

**Threaded Device Type:**

Back shell

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

20-32 single mating end

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0 and 100.0 and 128.0 and 228.0 and 265.0

**Shell Type:**

Solid

**Connector Locking Method:**

Detent

**Thread Length:**

7.11 millimeters

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 175.0 degrees celsius

**Features Provided:**

Scoopproof design

**Thread Size:**

31.0 millimeters

**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

**Test Data Document:**

81349-dod-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:**

Iso m

**Specification Data:**

81349-dod-c-38999/46 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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