

View Online at <https://aerobasegroup.com/nsn/5935-01-375-0699>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

31.5 millimeters

**Overall Height:**

33.3 millimeters

**Overall Width:**

33.3 millimeters

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

26.97 millimeters

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

26.97 millimeters

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

19.5 millimeters

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

17-99 single mating end

**Contact Removability:**

Removable single mating end all contact groupingsremovable single mating end single contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

0.0 and 50.0 and 160.0 and 190.0 and 225.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Size:**

25.0 millimeters and 1.188 inches

**Terminal Location:**

Back single mating end all contact groupingsback single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end all contact groupingscopper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end all contact groupingsgold single mating end single contact grouping

**Insert Material:**

Plastic epoxy single mating end

**Terminal Type:**

Crimp single mating end all contact groupingscrimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Thread Tolerance Class:**

6h external

**Included Contact Quantity:**

2 single mating end 1st contact grouping23 single mating end 2nd contact grouping

**Included Contact Type:**

Round socket single mating end all contact groupingsround socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.043 gold grains, troy

**Precious Material:**

Gold

**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:**

Iso m and special acme

**Specification Data:**

81349-mil-c-38999/20 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0