

View Online at <https://aerobasegroup.com/nsn/5935-01-045-2994>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling w/backshell

**Overall Length:**

3.031 inches

**Overall Height:**

Between 2.219 inches and 2.281 inches

**Overall Width:**

Between 2.219 inches and 2.281 inches

**Environmental Protection:**

Moisture resistant and salt water resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.168 inches and 0.183 inches

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

Between 1.745 inches and 1.755 inches

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

Between 1.745 inches and 1.755 inches

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

Between 0.875 inches and 0.906 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

32-8 single mating end

**Contact Removability:**

Nonremovable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

41.0 single mating end 1st contact grouping

**Contact Maximum Ac Voltage Rating In Volts:**

500.0 single mating end all contact groupings

**Contact Maximum Dc Voltage Rating In Volts:**

700.0 single mating end all contact groupings

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

80.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.625 inches

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

18

**Thread Size:**

2.000 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end all contact groupings and silver single mating end all contact groupings

**Insert Material:**

Rubber single mating end

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Included Contact Quantity:**

6 single mating end 1st contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver

**Precious Material And Weight:**

0.054 gold grains, troy and 0.054 silver grains, troy

**Precious Material:**

Gold and silver

**Test Data Document:**

81349-mil-c-5015 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:**

Uns

**Specification Data:**

81349-mil-c-5015 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

N/A

**Fig:**

A039b0