

View Online at <https://aerobasegroup.com/nsn/5935-00-729-7283>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

1.331 inches

**Overall Height:**

3.205 inches

**Overall Width:**

1.245 inches

**Environmental Protection:**

Pressure proof

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

Between 2.766 inches and 2.776 inches

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

Between 0.622 inches and 0.628 inches

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

0.310 inches

**Threaded Device Type:**

Mounting hole

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

59 single mating end

**Contact Removability:**

Nonremovable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

7.5 single mating end 2nd contact grouping

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

600.0 single mating end all contact groupings

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Thread Length:**

0.250 inches

**Thread Size:**

0.164 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

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

**Insert Material:**

Plastic diallyl phthalate single mating end

**Terminal Type:**

Solder well single mating end all contact groupings

**Shell Material:**

Aluminum

**Shell Surface Treatment:**

Cadmium and chromate

**Insert Material Specification:**

Mil-m-14, type mdg military specification single material response single mating end

**Included Contact Quantity:**

57 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Special Features:**

Max. Leakage 0.1cu in/hr. At 30psi pd when potted

**Precious Material And Location:**

Contact surfaces rhodium and contact surfaces silver

**Precious Material And Weight:**

0.059 rhodium grains, troy and 0.059 silver grains, troy

**Precious Material:**

Rhodium 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:**

Unc

**Specification Data:**

81349-mil-c-5015 government specification

**Departure From Cited Document:**

Air leakage

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-std