

View Online at <https://aerobasegroup.com/nsn/5935-00-816-6793>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

Between 1.472 inches and 1.628 inches

**Overall Height:**

Between 1.480 inches and 1.520 inches

**Overall Width:**

Between 1.480 inches and 1.520 inches

**Environmental Protection:**

Moisture resistant and salt water resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.175 inches and 0.181 inches

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

Between 1.151 inches and 1.161 inches

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

Between 1.151 inches and 1.161 inches

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

Between 0.750 inches and 0.766 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

20-17 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:**

Key, multiple key groove

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.625 inches

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

10

**Thread Size:**

1.250 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Silver single mating end all contact groupings

**Insert Material:**

Rubber single mating end

**Terminal Type:**

Solder well single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Oxide

**Shell Surface Treatment Specification:**

Mil-f-14072, e-516 military specification single treatment response

**Shell Material Specification:**

Qq-a-367 federal specification single material response

**Included Contact Quantity:**

5 single mating end 1st contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces silver

**Precious Material And Weight:**

0.030 silver grains, troy

**Precious Material:**

Silver

**Thread Series Designator:**

Double stub

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-f-14072 spec.