

View Online at <https://aerobasegroup.com/nsn/5935-00-439-8900>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling w/backshell

**Overall Length:**

Between 1.438 inches and 1.498 inches

**Overall Height:**

Between 1.063 inches and 1.125 inches

**Overall Width:**

Between 1.063 inches and 1.125 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.118 inches and 0.124 inches

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

Between 0.807 inches and 0.817 inches

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

Between 0.807 inches and 0.817 inches

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

Between 0.562 inches and 0.572 inches

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

12s-3 single mating end

**Contact Removability:**

Nonremovable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

13.0 single mating end all contact groupings

**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:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.450 inches

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

24 and 20

**Thread Size:**

0.625 inches and 0.750 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Nickel single mating end 2nd contact grouping

**Insert Material:**

Rubber single mating end

**Terminal Type:**

Solder well single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

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

**Insert Material Specification:**

Mil-r-3065 military specification single material response single mating end

**Included Contact Quantity:**

1 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Thread Series Designator:**

Unef and unef

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-r-3065 spec.