

View Online at <https://aerobasegroup.com/nsn/5935-01-016-9243>

**Thread Class:**

2a

**Thread Pitch Diameters:**

+0.5917/+0.7917 inches

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

0.719 inches

**Overall Height:**

1.125 inches

**Overall Width:**

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:**

0.906 inches

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

0.906 inches

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

0.416 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

14-18 single mating end

**Contact Maximum Current Rating In Amps:**

7.5 single mating end single contact grouping

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

500.0 single mating end single contact grouping

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

700.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.312 inches

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

6

**Thread Size:**

0.875 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Gold single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping and silver single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Cadmium

**Shell Surface Treatment:**

Cadmium and chromium

**Shell Material Specification:**

Qq-p-416 federal specification single material response

**Included Contact Quantity:**

18 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces and contacts gold and contact surfaces silver

**Precious Material And Weight:**

1.818 gold grains, troy and 0.018 silver grains, troy

**Precious Material:**

Gold and silver

**Thread Series Designator:**

Acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0