

View Online at <https://aerobasegroup.com/nsn/5935-00-494-6854>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, thru-hole mount, external coupling

**Overall Length:**

2.343 inches

**Overall Diameter:**

1.687 inches

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

0.906 inches

**Mounting Facility Thickness:**

0.469 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

3 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

22.0 single mating end single contact grouping

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

600.0 single mating end single contact grouping

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

1000.0 single mating end single contact grouping

**Polarization Method:**

Contact

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.437 inches

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

12

**Thread Size:**

1.688 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping

**Insert Material:**

Plastic single mating end

**Criticality Code Justification:**

Zzzx

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Nickel alloy

**Shell Material Specification:**

Qq-n-281 classa federal specification single material response

**Insert Material Specification:**

Mil-p-17091 military specification single material response single mating end

**Included Contact Quantity:**

3 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round

**Included Contact Type:**

Round pin single mating end single contact grouping

**Thread Series Designator:**

Un

**Departure From Cited Designator:**

Quality control iaw navships 0948-045-7010 material identification and control instruction for level 1 items

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-p-17091 spec.