

View Online at <https://aerobasegroup.com/nsn/5935-00-904-4031>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape threaded

**Overall Length:**

1.500 inches

**Overall Diameter:**

2.312 inches

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof

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

1.218 inches

**Mounting Facility Thickness:**

Between 0.031 inches and 0.250 inches

**Threaded Device Type:**

Coupling facility and mounting bushing

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

28-2009-51 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

22.0 single mating end single contact grouping

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

200.0 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:**

1.218 inches

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

18 and 18

**Thread Size:**

1.750 inches and 1.750 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper single mating end single contact grouping

**Contact Surface Treatment:**

Silver single mating end single contact grouping

**Insert Material:**

Rubber single mating end

**Contact Surface Treatment Specification:**

Qq-s-365 federal specification single treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Tin and cadmium

**Shell Surface Treatment Specification:**

Mil-t-10727, type 1 military specification single treatment response and qq-p-416, cl 2, type 1 federal specification 2nd treatment response

**Included Contact Quantity:**

43 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces silver

**Precious Material And Weight:**

0.043 silver grains, troy

**Precious Material:**

Silver

**Thread Series Designator:**

Uns and uns

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-t-10727 spec.