

View Online at <https://aerobasegroup.com/nsn/5935-01-038-9609>

**Thread Class:**

2a and 2g

**Thread Pitch Diameters:**

+0.125/+0.145 inches

**Thread Direction:**

Left-hand and right-hand

**Body Style:**

Straight shape, internal coupling

**Overall Diameter:**

3.563 inches

**Environmental Protection:**

Drip proof and fungus proof and salt water resistant and shock proof and thermal shock resistant and vibration resistant

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

16-24 single mating end

**Contact Removability:**

Nonremovable single mating end all contact groupings

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

500.0 single mating end 3rd contact grouping

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

700.0 single mating end 3rd contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

105.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded coupling ring

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

18 and 2

**Thread Size:**

2.594 inches and 3.000 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Copper single mating end all contact groupings and silver single mating end all contact groupings

**Insert Material:**

Plastic diallyl phthalate single mating end

**Terminal Type:**

Solder well single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Oxide

**Included Contact Quantity:**

58 single mating end 3rd contact grouping

**Precious Material And Location:**

Contact surfaces silver

**Precious Material And Weight:**

0.066 silver grains, troy

**Precious Material:**

Silver

**Thread Series Designator:**

Uns and acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0