

View Online at <https://aerobasegroup.com/nsn/5935-01-381-4111>

**Thread Class:**

2a and 2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, internal coupling

**Overall Length:**

1.231 inches

**Overall Diameter:**

1.945 inches

**Environmental Protection:**

Corrosion resistant and vibration resistant

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

25-4 single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

7.5 single mating end 2nd contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

49.0 and 169.0 and 200.0 and 244.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded coupling ring

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 175.0 degrees celsius

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

28 and 10

**Thread Size:**

1.500 inches and 1.687 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Gold single mating end all contact groupings

**Insert Material:**

Plastic silicone single mating end

**Terminal Type:**

Crimp single mating end all contact groupings

**Shell Material:**

Carbon graphite

**Shell Surface Treatment:**

Nickel

**Included Contact Quantity:**

8 single mating end 1st contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.056 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Un and double stub

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A039b0