

View Online at <https://aerobasegroup.com/nsn/5935-01-090-0496>

**Thread Class:**

2a and 2b

**Thread Direction:**

Left-hand and right-hand

**Body Style:**

Straight shape, internal coupling

**Overall Length:**

1.735 inches

**Overall Diameter:**

1.678 inches

**Environmental Protection:**

Corrosion resistant and vibration resistant and shock resistant and explosion proof

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

22-7 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

245.0 single mating end single contact grouping

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

1250.0 single mating end single contact grouping

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

1750.0 single mating end single contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded coupling ring

**Thread Length:**

0.578 inches

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

18 and 10

**Thread Size:**

1.250 inches and 1.375 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy 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:**

Anodize

**Included Contact Quantity:**

1 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surface silver

**Precious Material And Weight:**

0.005 silver grains, troy

**Precious Material:**

Silver

**Thread Series Designator:**

Unef and double stub

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0