

View Online at <https://aerobasegroup.com/nsn/5935-01-318-3306>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape w/flange

**Overall Length:**

2.125 inches

**Overall Height:**

1.750 inches

**Overall Width:**

1.750 inches

**Environmental Protection:**

Sand resistant and dust resistant and salt water resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.142 inches and 0.152 inches

**Center To Center Distance Between Mounting Facilities Parallel To Height:**

Between 1.370 inches and 1.380 inches

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

Between 1.370 inches and 1.380 inches

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

0.985 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

24-28 all mating ends

**Contact Removability:**

Nonremovable all mating ends single contact grouping

**Contact Maximum Current Rating In Amps:**

22.0 all mating ends single contact grouping

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

200.0 all mating ends single contact grouping

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

250.0 all mating ends single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

110.0 and 250.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Operating Temperature Rating:**

Between -20.0 degrees fahrenheit and 250.0 degrees fahrenheit

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

18

**Thread Size:**

1.500 inches

**Contact Material:**

Copper alloy all mating ends single contact grouping

**Contact Surface Treatment:**

Gold all mating ends single contact grouping and nickel all mating ends single contact grouping

**Insert Material:**

Rubber all mating ends

**Contact Surface Treatment Specification:**

Mil-g-45204, type 1, grade b military specification 1st treatment response all mating ends single contact grouping and qq-n-290, cl 1, grade b federal specification 2nd treatment response all mating ends single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Included Contact Quantity:**

24 all mating ends single contact grouping

**Included Contact Type:**

Round socket 2nd mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.048 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unef

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.