

View Online at <https://aerobasegroup.com/nsn/5935-01-087-8412>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape w/flange

**Overall Length:**

2.125 inches

**Overall Height:**

1.500 inches

**Overall Width:**

1.500 inches

**Environmental Protection:**

Waterproof and moisture proof and salt water resistant and vibration proof

**Unthreaded Mounting Hole Diameter:**

0.120 inches

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

1.156 inches

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

1.156 inches

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

0.985 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

20-27 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:**

500.0 all mating ends single contact grouping

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

700.0 all mating ends single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

35.0 and 325.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.625 inches

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

10

**Thread Size:**

1.250 inches

**Contact Material:**

Copper alloy all mating ends single contact grouping

**Contact Surface Treatment:**

Copper all mating ends single contact grouping and gold all mating ends single contact grouping

**Contact Surface Treatment Specification:**

Mil-c-14550, cl 4 military specification 1st treatment response all mating ends single contact grouping and mil-g-45204, type 2, cl 2, grade c or d military specification 2nd treatment response all mating ends single contact grouping

**Contact Material Specification:**

Qq-b-750 federal specification single material response all mating ends single contact grouping

**Shell Material:**

Steel comp 302 or steel comp 303

**Shell Surface Treatment:**

Passivate

**Shell Material Specification:**

Qq-s-763 federal specification single material response or qq-s-764 federal specification single material response

**Included Contact Quantity:**

14 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:**

0.028 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Double stub

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-c-14550 spec.