

View Online at <https://aerobasegroup.com/nsn/5935-00-350-1758>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling w/backshell

**Overall Length:**

1.250 inches

**Overall Height:**

Between 0.802 inches and 0.822 inches

**Overall Width:**

Between 0.802 inches and 0.822 inches

**Environmental Protection:**

Moisture resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.115 inches and 0.125 inches

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

Between 0.589 inches and 0.599 inches

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

Between 0.589 inches and 0.599 inches

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

Between 0.406 inches and 0.416 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

8-4 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 single mating end single contact grouping

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

500.0 single mating end single contact grouping

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

700.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

10

**Thread Size:**

0.500 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping

**Insert Material:**

Rubber single mating end

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Included Contact Quantity:**

4 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surface gold

**Precious Material And Weight:**

0.004 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Double stub

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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