

View Online at <https://aerobasegroup.com/nsn/5935-00-051-3565>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape w/flange

**Overall Length:**

Between 2.110 inches and 2.140 inches

**Overall Height:**

Between 1.980 inches and 2.020 inches

**Overall Width:**

Between 1.980 inches and 2.020 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.145 inches and 0.151 inches

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

Between 1.557 inches and 1.567 inches

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

Between 1.557 inches and 1.567 inches

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

Between 0.975 inches and 0.985 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

24-18 1st mating end

**Contact Removability:**

Nonremovable all mating ends single contact grouping

**Contact Maximum Current Rating In Amps:**

23.0 1st mating end 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:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.625 inches

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

18

**Thread Size:**

1.750 inches

**Contact Material:**

Copper alloy all mating ends single contact grouping

**Contact Surface Treatment:**

Silver all mating ends single contact grouping

**Insert Material:**

Rubber all mating ends

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Included Contact Quantity:**

4 1st mating end single contact grouping

**Included Contact Type:**

Round pin all mating ends single contact grouping

**Precious Material And Location:**

Contact surfaces silver

**Precious Material And Weight:**

0.022 silver grains, troy

**Precious Material:**

Silver

**Thread Series Designator:**

Uns

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A039b0