

View Online at <https://aerobasegroup.com/nsn/5935-01-045-8100>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

3.500 inches

**Overall Height:**

1.250 inches

**Overall Width:**

3.120 inches

**Unthreaded Mounting Hole Diameter:**

0.166 inches

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

0.880 inches

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

2.800 inches

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

1.120 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

2 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Polarization Method:**

Contact

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

20

**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 all mating ends single contact grouping

**Insert Material:**

Glass single mating end

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Plastic epoxy

**Included Contact Quantity:**

2 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.020 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A039b0