

View Online at <https://aerobasegroup.com/nsn/5935-00-940-7980>

**Thread Class:**

2a and 2a

**Thread Direction:**

Left-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

2.000 inches

**Overall Height:**

3.250 inches

**Overall Width:**

3.250 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.276 inches and 0.287 inches

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

2.530 inches

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

2.530 inches

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

1.000 inches

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Removability:**

Nonremovable single mating end all contact groupings

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

500.0 single mating end all contact groupings

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

700.0 single mating end all contact groupings

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

22.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Radio Frequency Type Contact Characteristic Impedance In Ohms:**

75.0 single mating end all contact groupings

**Thread Length:**

0.404 inches and 0.250 inches

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

18

**Thread Size:**

2.594 inches and 3.000 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Silver single mating end all contact groupings

**Insert Material:**

Rubber single mating end

**Contact Surface Treatment Specification:**

Qq-s-365, grade a federal specification single treatment response single mating end all contact groupings

**Terminal Type:**

Solder well single mating end all contact groupings

**Shell Material:**

Aluminum alloy 6061

**Shell Surface Treatment:**

Anodize

**Shell Surface Treatment Specification:**

Mil-a-8825, type 2 military specification single treatment response

**Shell Material Specification:**

Qq-a-325 federal specification single material response

**Included Contact Quantity:**

4 single mating end 2nd contact grouping

**Bushing Accommodation Hole Shape:**

Round

**Included Contact Type:**

Round pin single mating end 1st contact grouping

**Precious Material And Location:**

Contact surfaces silver

**Precious Material And Weight:**

0.008 silver grains, troy

**Precious Material:**

Silver

**Thread Series Designator:**

Uns and acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-a-8825 spec.