

View Online at <https://aerobasegroup.com/nsn/5935-01-347-2723>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Unable To Decode:**

Unable to decode and unable to decode

**Overall Length:**

2.703 inches

**Overall Height:**

Between 2.719 inches and 2.770 inches

**Overall Width:**

Between 2.719 inches and 2.770 inches

**Environmental Protection:**

Thermal shock resistant and pressure proof and humidity resistant and moisture resistant and corrosion resistant and chemical resistant and dust resistant and shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

0.221 inches

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

2.093 inches

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

2.093 inches

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

1.005 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

20-313 single mating end

**Contact Removability:**

Nonremovable 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

**Operating Temperature Rating:**

Between -67.0 degrees celsius and 225.0 degrees celsius

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

8

**Thread Size:**

2.500 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Tin single mating end single contact grouping

**Insert Material:**

Rubber single mating end

**Contact Surface Treatment Specification:**

Mil-t-10727 military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Contact Material Specification:**

Qq-c-533 federal specification single material response single mating end single contact grouping

**Shell Material:**

Aluminum alloy 6061

**Shell Surface Treatment:**

Chromate

**Shell Material Specification:**

Qq-a270 federal specification single material response

**Insert Material Specification:**

Mil-r-3965 military specification single material response single mating end

**Included Contact Quantity:**

68 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Special Features:**

Furnished items - protective cover and chain

**Thread Series Designator:**

Acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-t-10727 spec.