

View Online at <https://aerobasegroup.com/nsn/5935-00-822-0813>

**Thread Class:**

2a and 2b

**Thread Direction:**

Right-hand

**Body Style:**

Rectangular shape

**Overall Length:**

Between 3.281 inches and 3.313 inches

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

Between 2.974 inches and 2.994 inches

**Overall Height:**

1.250 inches

**Overall Width:**

Between 1.672 inches and 1.704 inches

**Environmental Protection:**

Vibration resistant and shock resistant and pressure proof

**Unthreaded Mounting Hole Diameter:**

0.125 inches

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

Between 0.490 inches and 0.510 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

66 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

13.0 single mating end single contact grouping

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

900.0 single mating end single contact grouping

**Polarization Method:**

Jackscrew and shell

**Shell Type:**

Solid

**Connector Locking Method:**

Jackscrew-socket

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 135.0 degrees celsius

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

32

**Thread Size:**

0.138 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 and silver single mating end single contact grouping

**Insert Material:**

Plastic diallyl phthalate single mating end

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Stainless steel

**Insert Material Specification:**

Mil-m-19833, type gdi-30 military specification single material response single mating end

**Shell Guide Type And Location Designator:**

A slot

**Unable To Decode:**

Unable to decode and unable to decode

**Included Contact Quantity:**

66 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Special Features:**

Jackscrew type-female and location-right hand and jackscrew type-male and location-left hand

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver

**Precious Material And Weight:**

0.066 gold grains, troy and 0.066 silver grains, troy

**Precious Material:**

Gold and silver

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-m-19833 spec.