

View Online at <https://aerobasegroup.com/nsn/5935-00-471-9931>

**Overall Length:**

1.550 inches

**Overall Height:**

Between 3.094 inches and 3.124 inches

**Overall Width:**

Between 1.985 inches and 2.015 inches

**Environmental Protection:**

Moisture resistant and salt water resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.114 inches and 0.118 inches

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

Between 1.432 inches and 1.442 inches

**Distance Between Mounting Facility Centers:**

Between 2.778 inches and 2.788 inches

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

Between 0.339 inches and 0.349 inches

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

57 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 single mating end single contact grouping

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

1500.0 single mating end single contact grouping

**Polarization Method:**

Contact to contact polarizing keys

**Shell Type:**

Solid

**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:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Insert Material Specification:**

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

**Included Contact Quantity:**

114 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver

**Precious Material And Weight:**

0.114 gold grains, troy and 0.114 silver grains, troy

**Precious Material:**

Gold and silver

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-m-19833 spec.