

View Online at <https://aerobasegroup.com/nsn/5935-00-883-5868>

**Body Style:**

Straight shape

**Overall Length:**

Between 1.240 inches and 1.250 inches

**Overall Height:**

1.331 inches

**Overall Width:**

Between 3.856 inches and 3.866 inches

**Environmental Protection:**

Moisture resistant and salt water resistant and vibration resistant

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

Between 0.622 inches and 0.628 inches

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

Between 3.422 inches and 3.432 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

78 single mating end

**Contact Removability:**

Nonremovable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

7.5 single mating end 2nd contact grouping

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

750.0 single mating end 1st contact grouping

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

600.0 single mating end 2nd contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Connector Cable Strain Relief Method:**

Potting type

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Rhodium single mating end all contact groupings

**Insert Material:**

Plastic diallyl phthalate single mating end

**Terminal Type:**

Solder well single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Insert Material Specification:**

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

**Included Contact Quantity:**

75 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Precious Material And Location:**

Contact surface rhodium

**Precious Material And Weight:**

0.078 rhodium grains, troy

**Precious Material:**

Rhodium

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-m-19833 spec.