

View Online at <https://aerobasegroup.com/nsn/5935-00-899-0251>

**Body Style:**

Straight shape

**Overall Length:**

Between 5.075 inches and 5.105 inches

**Overall Height:**

0.670 inches

**Overall Width:**

0.438 inches

**Environmental Protection:**

Moisture resistant and salt water resistant and shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

0.144 inches

**Distance Between Mounting Facility Centers:**

4.684 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

1 row of contacts non-inserted board single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 single mating end single contact grouping

**Polarization Method:**

Mating end and shell

**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:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum alloy 380.0

**Shell Material Specification:**

Qq-a-591 federal specification single material response

**Insert Material Specification:**

Mil-p-19833 ty gdi-30f military specification single material response single mating end

**Shell Guide Type And Location Designator:**

Y slot

**Included Contact Quantity:**

23 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver

**Precious Material And Weight:**

0.023 gold grains, troy and 0.023 silver grains, troy

**Precious Material:**

Gold and silver

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-p-19833 spec.