

View Online at <https://aerobasegroup.com/nsn/5935-00-689-1416>

**Body Style:**

Straight shape

**Overall Length:**

Between 5.078 inches and 5.110 inches

**Overall Height:**

0.705 inches

**Overall Width:**

Between 0.422 inches and 0.452 inches

**Environmental Protection:**

Moisture resistant and salt water resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.137 inches and 0.151 inches

**Distance Between Mounting Facility Centers:**

Between 4.681 inches and 4.695 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

35 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

**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 nickel single mating end single contact grouping

**Insert Material:**

Plastic diallyl phthalate single mating end

**Terminal Type:**

Turret single mating end single contact grouping

**Contact Material Specification:**

Qq-c-533, 1/2 federal specification single material response single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Insert Material Specification:**

Mil-m-14, type sdg-f military specification single material response single mating end or mil-m-19833, type gdi-30f military specification single material response single mating end

**Included Contact Quantity:**

35 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.035 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

18876-10177856 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-m-14 spec.