

View Online at <https://aerobasegroup.com/nsn/5935-00-683-2312>

**Body Style:**

Straight shape

**Overall Length:**

1.596 inches

**Overall Height:**

Between 1.240 inches and 1.250 inches

**Overall Width:**

Between 3.200 inches and 3.210 inches

**Environmental Protection:**

Heat resistant and cold resistant and corrosion resistant and shock resistant and vibration resistant and moisture resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.174 inches and 0.179 inches

**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 2.766 inches and 2.976 inches

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

Between 0.300 inches and 0.310 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

28 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 Dc Voltage Rating In Volts:**

600.0 single mating end 2nd contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Radio Frequency Type Contact Characteristic Impedance In Ohms:**

50.0 single mating end 1st contact grouping

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Silver single mating end 2nd contact grouping and rhodium single mating end 2nd contact grouping

**Insert Material:**

Plastic diallyl phthalate single mating end and plastic polytetrafluoroethylene single mating end

**Terminal Type:**

Solder well single mating end all contact groupings

**Shell Material:**

Aluminum

**Shell Surface Treatment:**

Chromate

**Shell Surface Treatment Specification:**

Mil-c-5541 military specification single treatment response

**Insert Material Specification:**

Mil-m-14 grade mdg military specification 1st material response single mating end

**Included Contact Quantity:**

26 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end 2nd contact grouping

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver and contact surfaces rhodium

**Precious Material And Weight:**

0.028 gold grains, troy and 0.028 silver grains, troy and 0.028 rhodium grains, troy

**Precious Material:**

Gold and silver and rhodium

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-m-14 spec.