

View Online at <https://aerobasegroup.com/nsn/5935-01-294-6579>

**Body Style:**

Straight shape

**Overall Length:**

2.270 inches

**Overall Height:**

0.669 inches

**Overall Width:**

0.351 inches

**Environmental Protection:**

Pressure proof and corrosion resistant and humidity resistant and heat resistant and cold resistant and vibration resistant and shock resistant and fuel resistant and oil resistant and fungus resistant and dust resistant and sand resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.091 inches and 0.101 inches

**Distance Between Mounting Facility Centers:**

Between 1.993 inches and 2.007 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

51 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

3.0 single mating end single contact grouping

**Polarization Method:**

Mating end and guide pin/socket

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**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

**Insert Material:**

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

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Pin single mating end single contact grouping

**Guide Design And Location:**

Hexagon shape male post right-hand at 5 o'clock and hexagon shape male post left-hand at 5 o'clock

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type ii, class 3 federal specification all treatment responses

**Shell Material Specification:**

Qq-a-200/8 federal specification single material response or qq-a-250 federal specification single material response or qq-a-591 federal specification single material response

**Insert Material Specification:**

Mil-m-14 military specification 1st material response single mating end and mil-m-24519 military specification 2nd material response single mating end

**Included Contact Quantity:**

51 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.051 gold grains, troy

**Precious Material:**

Gold

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.