

View Online at <https://aerobasegroup.com/nsn/5935-00-977-7453>

**Body Style:**

Straight shape

**Overall Length:**

0.688 inches

**Overall Height:**

1.000 inches

**Overall Width:**

2.000 inches

**Unthreaded Mounting Hole Diameter:**

0.093 inches

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

Between 0.495 inches and 0.505 inches

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

Between 1.775 inches and 1.785 inches

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

0.468 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

24c2 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:**

1500.0 single mating end 2nd contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

**Features Provided:**

Pre-tinned terminal

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Gold single mating end all contact groupings and copper single mating end all contact groupings

**Insert Material:**

Plastic melamine single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification 1st treatment response single mating end all contact groupings

**Terminal Type:**

Solder well single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Included Contact Quantity:**

22 single mating end 2nd contact grouping

**Included Contact Type:**

Round socket single mating end 2nd contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.032 gold grains, troy

**Precious Material:**

Gold

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.