

View Online at <https://aerobasegroup.com/nsn/5935-01-309-8603>

**Body Style:**

Angle shape

**Overall Height:**

1.300 inches

**Overall Width:**

0.360 inches

**Body Length:**

Between 1.750 inches and 1.770 inches

**Body Height:**

Between 0.230 inches and 0.270 inches

**Environmental Protection:**

Corrosion resistant and fungus resistant and humidity resistant and shock resistant and vibration proof

**Unthreaded Mounting Hole Diameter:**

Between 0.093 inches and 0.105 inches

**Distance Between Mounting Facility Centers:**

Between 1.350 inches and 1.370 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

2 rows of contacts non-inserted board single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

1.0 single mating end single contact grouping

**Contact Maximum Ac Voltage Rating In Volts:**

300.0 single mating end single contact grouping

**Polarization Method:**

Mating end

**Connector Locking Method:**

Latch

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 120.0 degrees celsius

**Features Provided:**

Pre-tinned terminal

**Terminal Location:**

Side single mating end single contact grouping

**Contact Material:**

Copper alloy 260 single mating end single contact grouping and copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping

**Insert Material:**

Plastic polyester glass filled single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, grade c, class 1 military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Printed circuit single mating end single contact grouping

**Contact Material Specification:**

Cda-260 assn standard 1st material response single mating end single contact grouping or astm-b-122 assn standard 2nd material response single mating end single contact grouping

**Insert Material Specification:**

Mil-m-24519, type gpt-15f, type gpt-20f or gpt-30f military specification single material response single mating end

**Included Contact Quantity:**

20 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:**

0.020 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-83503 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Specification Data:**

81349-mil-c-83503/24 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.