

View Online at <https://aerobasegroup.com/nsn/5935-01-042-0128>

**Body Style:**

Straight shape

**Overall Length:**

1.385 inches

**Overall Height:**

0.170 inches

**Overall Width:**

3.028 inches

**Environmental Protection:**

Humidity resistant and shock resistant and thermal shock resistant and corrosion resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.276 inches and 0.286 inches

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

Between 0.558 inches and 0.566 inches

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

Between 2.574 inches and 2.582 inches

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

Between 0.519 inches and 0.534 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

51 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 200.0 degrees celsius

**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

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Nickel

**Shell Surface Treatment Specification:**

Mil-c-26074, grade a, cl 3 or 4 military specification single treatment response

**Shell Material Specification:**

Qq-a-591 federal specification single material response

**Included Contact Quantity:**

51 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Special Features:**

Furnished items - spare contact

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.051 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-83733 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-83733/1 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.