

View Online at <https://aerobasegroup.com/nsn/5935-01-337-7084>

**Body Style:**

Straight shape

**Overall Length:**

Between 1.415 inches and 1.435 inches

**Overall Height:**

1.419 inches

**Overall Width:**

Between 0.331 inches and 0.351 inches

**Environmental Protection:**

Moisture resistant and salt water resistant and shock resistant and vibration resistant and humidity resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.088 inches and 0.096 inches

**Distance Between Mounting Facility Centers:**

1.215 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

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 125.0 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

**Insert Material:**

Plastic diallyl phthalate glass filled single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Wire lead single mating end single contact grouping

**Shell Material:**

Aluminum alloy 380.0 or aluminum alloy or aluminum

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification all treatment responses

**Shell Material Specification:**

Qq-a-591 federal specification 1st material response or qq-a-250/11 federal specification 2nd material response or qq-a-290/8 federal specification 3rd material response

**Insert Material Specification:**

Mil-m-14, ty sdg-f or gdi-30f military specification single material response single mating end

**Included Contact Quantity:**

51 single mating end single contact grouping

**Included Contact Type:**

Round socket 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

**Test Data Document:**

81349-mil-c-83513 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-83513/04 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-c-45204 spec.