

View Online at <https://aerobasegroup.com/nsn/5935-01-181-8112>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

Between 1.350 inches and 1.385 inches

**Overall Height:**

Between 1.146 inches and 1.170 inches

**Overall Width:**

Between 4.300 inches and 4.330 inches

**Environmental Protection:**

Humidity resistant and salt water resistant and shock resistant and thermal shock resistant and heat resistant and cold resistant

**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 3.870 inches and 3.880 inches

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

Between 0.519 inches and 0.534 inches

**Threaded Device Type:**

Mounting stud

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

71 single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Polarization Method:**

Guide pin/socket and mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Thready Qty Per Inch (tpi):**

24

**Thread Size:**

0.312 inches

**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

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Nickel

**Shell Surface Treatment Specification:**

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

**Shell Material Specification:**

Qq-a-591 federal specification single material response

**Unable To Decode:**

Unable to decode and unable to decode

**Included Contact Quantity:**

56 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.071 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.).

**Thread Series Designator:**

Unf

**Specification Data:**

81349-mil-c-83733/3 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A039b0

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

Mil-g-45204 spec.