

View Online at <https://aerobasegroup.com/nsn/5935-01-035-5147>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.871 inches

**Overall Height:**

1.781 inches

**Overall Width:**

1.781 inches

**Environmental Protection:**

Humidity resistant and pressure proof and shock proof and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.142 inches and 0.157 inches

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

Between 0.040 inches and 0.060 inches

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

Between 0.040 inches and 0.060 inches

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

Between 0.812 inches and 0.827 inches

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

24-12 single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.500 inches

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

18 and 18

**Thread Size:**

1.375 inches and 1.500 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

**Insert Material:**

Rubber single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Included Contact Quantity:**

3 single mating end 2nd contact grouping

**Included Contact Type:**

Round socket single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.025 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-83723 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:**

Unef and unef

**Specification Data:**

81349-mil-c-83723/19 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

1-035-5147

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

Mil-g-45204 spec.