

View Online at <https://aerobasegroup.com/nsn/5935-01-237-1248>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.240 inches

**Overall Height:**

0.937 inches

**Overall Width:**

0.937 inches

**Environmental Protection:**

Humidity resistant and salt water resistant and shock proof and vibration proof and fireproof

**Unthreaded Mounting Hole Diameter:**

Between 0.116 inches and 0.125 inches

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

0.719 inches

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

0.719 inches

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

Between 0.708 inches and 0.728 inches

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

5-oct single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

10.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.290 inches

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

24 and 24

**Thread Size:**

0.625 inches and 0.688 inches

**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 epoxy single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 type 1, cl2 military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Stainless steel

**Shell Surface Treatment:**

Passivate

**Included Contact Quantity:**

5 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:**

0.002 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-83723/82 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

1-0001-0

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

Mil-g-45204 spec.