

View Online at <https://aerobasegroup.com/nsn/5935-01-318-5146>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.343 inches

**Overall Diameter:**

Between 0.684 inches and 0.692 inches

**Environmental Protection:**

Moisture resistant and shock resistant and thermal shock resistant and vibration resistant

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

Between 0.813 inches and 0.843 inches

**Mounting Facility Thickness:**

Between 0.045 inches and 0.250 inches

**Threaded Device Type:**

Mounting bushing

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Nonstd single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Frequency Rating:**

500.0 megahertz single mating end single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Bayonet pin

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 165.0 degrees celsius

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

28

**Thread Size:**

0.500 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 polytetrafluoroethylene single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Tab, solder lug single mating end single contact grouping

**Contact Material Specification:**

Qq-c-530 federal specification single material response single mating end single contact grouping or qq-c-533 federal specification single material response single mating end single contact grouping

**Shell Material:**

Copper alloy

**Shell Surface Treatment:**

Silver

**Included Contact Quantity:**

1 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round w/flat

**Included Contact Type:**

Triaxial socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold and body surface silver

**Precious Material And Weight:**

0.005 gold grains, troy and 0.100 silver grains, troy

**Precious Material:**

Gold and silver

**Test Data Document:**

81349-mil-c-49142 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

**Specification Data:**

81349-mil-c-49142/4 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.