

View Online at <https://aerobasegroup.com/nsn/5935-00-521-0558>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

0.630 inches

**Overall Diameter:**

0.320 inches

**Environmental Protection:**

Moisture resistant and pressure proof and vibration resistant

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

Between 0.248 inches and 0.300 inches

**Mounting Facility Thickness:**

Between 0.023 inches and 0.096 inches

**Threaded Device Type:**

Coupling facility and mounting bushing

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Sm single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Ac Voltage Rating In Volts:**

335.0 single mating end single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Radio Frequency Type Contact Characteristic Impedance In Ohms:**

500.0 single mating end single contact grouping

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

32 and 32

**Thread Size:**

10.000 inches and 10.000 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Copper alloy

**Included Contact Quantity:**

1 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round w/flat

**Included Contact Type:**

Coaxial pin single mating end single contact grouping

**Special Features:**

Contact designation smc

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.001 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-39012 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 and unf

**Specification Data:**

81349-mil-c-39012/77 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.