

View Online at <https://aerobasegroup.com/nsn/5935-00-414-1031>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape w/cable clamp

**Overall Length:**

1.672 inches

**Bushing Diameter:**

0.625 inches

**Overall Height:**

Between 0.985 inches and 1.000 inches

**Overall Width:**

Between 0.985 inches and 1.000 inches

**Environmental Protection:**

Heat resistant and moisture proof and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.120 inches and 0.130 inches

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

Between 0.713 inches and 0.723 inches

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

Between 0.713 inches and 0.723 inches

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

Between 0.641 inches and 0.671 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

N single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded coupling ring

**Connector Cable Strain Relief Method:**

Compression nut

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

50.0 single mating end single contact grouping

**Thread Length:**

0.202 inches

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

24

**Thread Size:**

0.625 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

**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:**

Steel

**Shell Surface Treatment:**

Gold

**Shell Surface Treatment Specification:**

Mil-g-45204, type 2, cl 2 military specification single treatment response

**Included Contact Quantity:**

1 single mating end single contact grouping

**Included Contact Type:**

Coaxial socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.005 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:**

Unef

**Specification Data:**

81349-mil-c-39012 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.