

View Online at <https://aerobasegroup.com/nsn/5935-00-177-2193>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, internal coupling

**Overall Length:**

1.657 inches

**Overall Diameter:**

0.687 inches

**Environmental Protection:**

Vibration resistant and shock resistant and humidity resistant and corrosion resistant

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

Sma 1st mating end

**Contact Removability:**

Nonremovable all mating ends single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

50.0 all mating ends single contact grouping

**Thread Length:**

0.150 inches and 0.180 inches

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

36 and 24

**Thread Size:**

0.250 inches and 0.625 inches

**Contact Material:**

Copper alloy all mating ends single contact grouping

**Contact Surface Treatment:**

Gold all mating ends single contact grouping and copper alloy all mating ends single contact grouping

**Insert Material:**

Plastic fluorocarbon all mating ends

**Contact Surface Treatment Specification:**

Mil-g-45204, type 1, grade c, cl 2 military specification 1st treatment response all mating ends single contact grouping and mil-c-14550 military specification 2nd treatment response all mating ends single contact grouping

**Contact Material Specification:**

Qq-c-530 federal specification single material response all mating ends single contact grouping

**Shell Material:**

Stainless steel

**Shell Surface Treatment:**

Passivate

**Shell Material Specification:**

Qq-s-764, cl 303, condition a federal specification single material response

**Insert Material Specification:**

L-p-403, type 1 federal specification single material response all mating ends

**Included Contact Quantity:**

1 all mating ends single contact grouping

**Included Contact Type:**

Coaxial socket all mating ends single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.010 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Uns and unef

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.