

View Online at <https://aerobasegroup.com/nsn/5935-00-071-7445>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, internal coupling

**Overall Length:**

0.508 inches

**Overall Diameter:**

0.250 inches

**Environmental Protection:**

Pressure proof and moisture resistant and vibration resistant

**Cable Entrance Diameter:**

0.145 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Nonstd single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

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

500.0 single mating end single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Connector Cable Strain Relief Method:**

Crimp type

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

50.0 single mating end single contact grouping

**Thread Length:**

0.157 inches

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

36

**Thread Size:**

0.250 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Copper single mating end single contact grouping and gold single mating end single contact grouping

**Insert Material:**

Plastic polytetrafluoroethylene single mating end

**Contact Surface Treatment Specification:**

Mil-c-14550, class2 military specification 1st treatment response single mating end single contact grouping and mil-g-45204, type 2 military specification 2nd treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Contact Material Specification:**

Qq-c-533, comp ht federal specification single material response single mating end single contact grouping

**Shell Material:**

Steel comp 1345

**Shell Surface Treatment:**

Copper and nickel

**Shell Surface Treatment Specification:**

Mil-c-14550, class 2 military specification 1st treatment response and mil-c-26074, class 1 military specification 2nd treatment response and mil-g-45204, type 2 military specification 3rd treatment response

**Shell Material Specification:**

Fed standard 66, comp 1345 federal standard single material response

**Insert Material Specification:**

Mil-p-19468 military specification single material response single mating end

**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 surface and shell surface gold

**Precious Material:**

Gold

**Thread Series Designator:**

Uns

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-c-14550 spec.