

View Online at <https://aerobasegroup.com/nsn/5935-01-091-5398>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Overall Length:**

0.710 inches

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

0.250 inches

**Overall Height:**

0.527 inches

**Overall Width:**

0.500 inches

**Environmental Protection:**

Shock resistant and vibration resistant and salt water resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.100 inches and 0.106 inches

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

0.250 inches

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

Between 0.211 inches and 0.215 inches

**Flange Length:**

0.500 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Sma single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

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

355.0 single mating end single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

50.0 single mating end single contact grouping

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

36

**Thread Size:**

0.250 inches

**Terminal Location:**

Side 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 and copper single mating end single contact grouping

**Insert Material:**

Plastic polytetrafluoroethylene single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, grade c or d, cl 2 military specification 1st treatment response single mating end single contact grouping and mil-c-14550, cl 4 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-530, cond h federal specification single material response single mating end single contact grouping

**Shell Material:**

Copper alloy

**Shell Surface Treatment:**

Gold and copper

**Shell Surface Treatment Specification:**

Mil-g-45204, type 2, grade c or d, cl 2 military specification 1st treatment response and mil-c-14550, cl 4 military specification 2nd treatment 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 pin single mating end single contact grouping

**Precious Material And Location:**

Contact and shell surfaces gold

**Precious Material And Weight:**

0.105 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Uns

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-std-15500-1