

View Online at <https://aerobasegroup.com/nsn/5935-01-306-8770>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape

**Overall Length:**

Between 1.315 inches and 1.335 inches

**Overall Diameter:**

Between 0.700 inches and 0.720 inches

**Environmental Protection:**

Vibration resistant and shock resistant and moisture resistant and thermal shock resistant

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

Between 0.579 inches and 0.599 inches

**Mounting Facility Thickness:**

Between 0.045 inches and 0.260 inches

**Threaded Device Type:**

Coupling facility and mounting bushing

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

Smc 2nd mating end

**Contact Removability:**

Nonremovable all mating ends single contact grouping

**Contact Maximum Current Rating In Amps:**

0.125 all mating ends single contact grouping

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

125.0 all mating ends single contact grouping

**Contact Maximum Frequency Rating:**

2.0 gigahertz all mating ends single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Bayonet pin and externally threaded shell

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

50.0 all mating ends single contact grouping

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

**Features Provided:**

W/circuit protection device

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

32 and 32

**Thread Size:**

0.190 inches and 0.500 inches

**Contact Material:**

Copper alloy all mating ends single contact grouping

**Contact Surface Treatment:**

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

**Insert Material:**

Plastic polytetrafluoroethylene all mating ends

**Contact Surface Treatment Specification:**

Mil-g-45204, type ii, class 2 military specification 1st treatment response all mating ends single contact grouping and mil-c-14550, class 4 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:**

Copper alloy

**Shell Surface Treatment:**

Nickel

**Shell Surface Treatment Specification:**

Qq-n-290, class 2 federal specification single treatment response

**Shell Material Specification:**

Qq-b-626, comp 22, 1/2 hard federal specification single material response

**Insert Material Specification:**

Mil-p-19468 military specification single material response all mating ends

**Included Contact Quantity:**

1 2nd mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round w/double flat

**Included Contact Type:**

Coaxial socket 1st mating end single contact grouping

**Special Features:**

Item contains one 1/8 amp fuse

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.002 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unf and un

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.