

View Online at <https://aerobasegroup.com/nsn/5935-01-323-8560>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

Between 0.495 inches and 0.505 inches

**Overall Height:**

Between 0.620 inches and 0.630 inches

**Overall Width:**

Between 0.218 inches and 0.228 inches

**Environmental Protection:**

Vibration resistant and shock resistant and thermal shock resistant and heat resistant and cold resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.097 inches and 0.107 inches

**Distance Between Mounting Facility Centers:**

Between 0.476 inches and 0.486 inches

**Cable Entrance Diameter:**

0.086 inches

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

0.265 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Sma single mating end

**Contact Removability:**

Removable single mating end single contact grouping

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

335.0 single mating end single contact grouping

**Contact Maximum Frequency Rating:**

18.0 gigahertz single mating end single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Connector Cable Strain Relief Method:**

Crimp type

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

50.0 single mating end single contact grouping

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 165.0 degrees celsius

**Features Provided:**

Captive contact

**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:**

Gold single mating end single contact grouping

**Insert Material:**

Plastic fluorocarbon single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Stainless steel

**Shell Surface Treatment:**

Gold

**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

**Thread Series Designator:**

Uns

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.