

View Online at <https://aerobasegroup.com/nsn/5935-01-327-9748>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Angle shape, external coupling

**Overall Length:**

Between 0.710 inches and 0.750 inches

**Bushing Diameter:**

Between 0.049 inches and 0.051 inches

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

Between 0.332 inches and 0.348 inches

**Overall Height:**

Between 0.739 inches and 0.755 inches

**Overall Width:**

Between 0.492 inches and 0.508 inches

**Environmental Protection:**

Corrosion resistant and vibration resistant and shock resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.095 inches and 0.111 inches

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

Between 0.332 inches and 0.348 inches

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

Between 0.302 inches and 0.318 inches

**Flange Length:**

Between 0.492 inches and 0.508 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 Frequency Rating:**

18.0 gigahertz 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

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

**Thread 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 alloy single mating end single contact grouping

**Insert Material:**

Plastic polytetrafluoroethylene single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 1, grade c, 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:**

Crimp single mating end single contact grouping

**Contact Material Specification:**

Qq-c-530, half hard federal specification single material response single mating end single contact grouping

**Shell Material:**

Steel comp 303

**Shell Surface Treatment:**

Passivate

**Shell Material Specification:**

Qq-s-763, condition a federal specification 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 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

**Fig:**

A039b0

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

Mil-g-45204 spec.