

View Online at <https://aerobasegroup.com/nsn/5935-01-294-3673>

**Thread Class:**

2g

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

2.703 inches

**Overall Height:**

Between 1.719 inches and 1.770 inches

**Overall Width:**

Between 1.719 inches and 1.770 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.166 inches and 0.176 inches

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

Between 1.370 inches and 1.380 inches

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

Between 1.370 inches and 1.380 inches

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

Between 1.000 inches and 1.010 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

12-311 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

41.0 single mating end single contact grouping

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

500.0 single mating end single contact grouping

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

700.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.912 inches

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

8

**Thread Size:**

1.500 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 and nickel single mating end single contact grouping

**Insert Material:**

Glass single mating end and plastic phenolic single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification 1st treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy 6061 or aluminum

**Shell Surface Treatment:**

Anodize

**Shell Surface Treatment Specification:**

Mil-a-8625, ty iii military specification single treatment response

**Shell Material Specification:**

Qq-a-270, t6 military specification 1st material response or qq-a-325, t6 federal specification 2nd material response

**Insert Material Specification:**

Mil-m-14 military specification 1st material response single mating end

**Included Contact Quantity:**

7 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.035 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Special acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.