

View Online at <https://aerobasegroup.com/nsn/5935-00-820-3885>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling strain relief

**Overall Length:**

2.969 inches

**Overall Height:**

Between 1.740 inches and 1.760 inches

**Overall Width:**

Between 1.740 inches and 1.760 inches

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof

**Unthreaded Mounting Hole Diameter:**

Between 0.197 inches and 0.202 inches

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

Between 1.365 inches and 1.385 inches

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

Between 1.365 inches and 1.385 inches

**Cable Entrance Diameter:**

0.781 inches

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

0.812 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

24-28 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

22.0 single mating end single contact grouping

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

200.0 single mating end single contact grouping

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

250.0 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

**Connector Cable Strain Relief Method:**

Cable clamp

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

18

**Thread Size:**

1.500 inches

**Terminal Location:**

Back 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:**

Rubber single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 type 1, grade b military specification 1st treatment response single mating end single contact grouping and qq-n-290 cl 1, grade b federal specification 2nd treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416 federal specification single treatment response

**Included Contact Quantity:**

24 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.024 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unef

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.