

View Online at <https://aerobasegroup.com/nsn/5935-00-849-3189>

**Thread Class:**

2g

**Thread Pitch Diameters:**

+2.986/+3.000 inches

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling w/backshell

**Overall Length:**

2.703 inches

**Overall Height:**

3.250 inches

**Overall Width:**

3.250 inches

**Environmental Protection:**

Moisture resistant

**Unthreaded Mounting Hole Diameter:**

0.281 inches

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

2.531 inches

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

2.531 inches

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

1.005 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

24-13 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:**

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:**

1.005 inches

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

8

**Thread Size:**

3.000 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 silver single mating end single contact grouping

**Insert Material:**

Rubber single mating end

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Anodize

**Included Contact Quantity:**

100 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Special Features:**

Contact designation 24-313

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver

**Precious Material And Weight:**

0.100 gold grains, troy and 0.100 silver grains, troy

**Precious Material:**

Gold and silver

**Thread Series Designator:**

Special acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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