

View Online at <https://aerobasegroup.com/nsn/5935-00-878-4641>

**Thread Class:**

2g

**Thread Pitch Diameters:**

+0.0833/+0.1000 inches

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.532 inches

**Overall Height:**

Between 2.730 inches and 2.770 inches

**Overall Width:**

Between 2.730 inches and 2.770 inches

**Environmental Protection:**

Explosion proof and moisture resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.207 inches and 0.213 inches

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

Between 2.183 inches and 2.193 inches

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

Between 2.183 inches and 2.193 inches

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

Between 0.875 inches and 0.891 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

40-56 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

13.0 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:**

0.625 inches

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

3

**Thread Size:**

2.500 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Insert Material:**

Rubber single mating end

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Anodize

**Included Contact Quantity:**

85 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round

**Included Contact Type:**

Round pin single mating end single contact grouping

**Thread Series Designator:**

Acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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