

View Online at <https://aerobasegroup.com/nsn/5935-00-683-2468>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.359 inches

**Overall Height:**

Between 2.480 inches and 2.520 inches

**Overall Width:**

Between 2.480 inches and 2.520 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 1.933 inches and 1.943 inches

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

Between 1.933 inches and 1.943 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:**

36-52 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

**End Application:**

302 switching unit

**Thread Length:**

0.625 inches

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

10

**Thread Size:**

2.750 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Silver 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

**Included Contact Quantity:**

52 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Special Features:**

T.O. 31p5-2-184

**Precious Material And Location:**

Contact surfaces silver

**Precious Material And Weight:**

0.052 silver grains, troy

**Precious Material:**

Silver

**Thread Series Designator:**

Double stub

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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