

View Online at <https://aerobasegroup.com/nsn/5935-01-193-5561>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.659 inches

**Overall Height:**

Between 2.730 inches and 2.771 inches

**Overall Width:**

Between 2.730 inches and 2.771 inches

**Environmental Protection:**

Corrosion resistant and explosion proof and shock proof and vibration resistant and waterproof

**Unthreaded Mounting Hole Diameter:**

Between 0.206 inches and 0.213 inches

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

2.188 inches

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

2.188 inches

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

0.922 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

36-80 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

23.0 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:**

An/tsq105v4

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

10

**Thread Size:**

2.500 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

**Shell Surface Treatment:**

Cadmium and nickel

**Included Contact Quantity:**

20 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces silver

**Precious Material And Weight:**

0.020 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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