

View Online at <https://aerobasegroup.com/nsn/5935-01-321-8938>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

Between 2.950 inches and 2.990 inches

**Overall Height:**

Between 3.365 inches and 3.385 inches

**Overall Width:**

Between 3.365 inches and 3.385 inches

**Environmental Protection:**

Thermal shock resistant and moisture resistant and salt water resistant and shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.271 inches and 0.291 inches

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

Between 2.802 inches and 2.822 inches

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

Between 2.802 inches and 2.822 inches

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

Between 0.302 inches and 0.323 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

44-13 single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

100.0 single mating end all contact groupings

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**End Application:**

5840-01-270-5100 radar set

**Thread Length:**

0.531 inches

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

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

10

**Thread Size:**

3.000 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Gold single mating end all contact groupings

**Insert Material:**

Plastic single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 1, class 1 military specification single treatment response single mating end all contact groupings

**Terminal Type:**

Crimp single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate and nickel

**Shell Surface Treatment Specification:**

Qq-p-416, type ii federal specification 1st treatment response and qq-p-416, type ii federal specification 2nd treatment response and qq-n-290 federal specification 3rd treatment response

**Included Contact Quantity:**

4 single mating end 2nd contact grouping

**Included Contact Type:**

Round socket single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.040 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Double stub

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.