

View Online at <https://aerobasegroup.com/nsn/5935-01-189-9267>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

1.616 inches

**Overall Height:**

Between 1.985 inches and 2.015 inches

**Overall Width:**

Between 3.095 inches and 3.125 inches

**Environmental Protection:**

Humidity resistant and salt water resistant and shock resistant and thermal shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.112 inches and 0.118 inches

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

1.436 inches

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

2.790 inches

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

0.748 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

"106, a106" 2nd mating end

**Contact Removability:**

Nonremovable all mating ends all contact groupings

**Polarization Method:**

2 polarization posts

**Shell Type:**

Solid

**Connector Locking Method:**

Screw

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

24

**Thread Size:**

0.190 inches

**Terminal Location:**

Back all mating ends all contact groupings

**Contact Material:**

Copper alloy all mating ends all contact groupings

**Contact Surface Treatment:**

Gold all mating ends all contact groupings

**Insert Material:**

Plastic epoxy single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response all mating ends all contact groupings

**Terminal Type:**

Solder well all mating ends all contact groupings

**Guide Design And Location:**

Hexagon shape male post left-hand at 6 oclock and hexagon shape male post right-hand at 6 oclock

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416, type i class 2 federal specification single treatment response

**Shell Material Specification:**

Qq-a-591 federal specification single material response

**Included Contact Type:**

Round socket all mating ends all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.135 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.