

View Online at <https://aerobasegroup.com/nsn/5935-00-175-8503>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

Between 1.396 inches and 1.416 inches

**Overall Height:**

Between 3.115 inches and 3.135 inches

**Overall Width:**

Between 3.180 inches and 3.190 inches

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

Between 1.197 inches and 1.207 inches

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

Between 2.683 inches and 2.693 inches

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

Between 0.740 inches and 0.770 inches

**Threaded Device Type:**

Mounting hole

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

57 all mating ends

**Contact Removability:**

Removable all mating ends single contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 all mating ends single contact grouping

**Polarization Method:**

3 polarization posts

**Shell Type:**

Solid

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

32

**Thread Size:**

0.138 inches

**Terminal Location:**

Back all mating ends single contact grouping

**Contact Material:**

Copper alloy all mating ends single contact grouping

**Contact Surface Treatment:**

Gold all mating ends single contact grouping and copper all mating ends single contact grouping

**Insert Material:**

Plastic diallyl phthalate all mating ends

**Terminal Type:**

Crimp all mating ends single contact grouping

**Guide Design And Location:**

Hexagon shape male post left-hand at 7 oclock and hexagon shape male post center at 7 oclock and hexagon shape male post right-hand at 7 oclock

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Insert Material Specification:**

Mil-m-19833, type gdi-20-f military specification single material response all mating ends

**Included Contact Type:**

Round socket all mating ends single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.114 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-m-19833 spec.