

View Online at <https://aerobasegroup.com/nsn/5935-01-137-6402>

**Thread Class:**

3b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

0.954 inches

**Overall Height:**

2.000 inches

**Overall Width:**

3.110 inches

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

1.437 inches

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

2.783 inches

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

0.756 inches

**Threaded Device Type:**

Mounting hole

**Mating End Quantity:**

2

**Contact Removability:**

Nonremovable all mating ends all contact groupings

**Contact Maximum Current Rating In Amps:**

7.5 all mating ends 2nd contact grouping

**Polarization Method:**

3 polarization posts

**Shell Type:**

Solid

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

40

**Thread Size:**

0.112 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 and copper all mating ends all contact groupings

**Insert Material:**

Plastic diallyl phthalate all mating ends

**Contact Surface Treatment Specification:**

Mil-g-45204, type 1, grade c, cl 2 military specification 1st treatment response all mating ends all contact groupings and mil-c-14550 military specification 2nd treatment response all mating ends all contact groupings

**Criticality Code Justification:**

Feat

**Terminal Type:**

Solder well all mating ends all contact groupings

**Guide Design And Location:**

D shape pin left-hand at 12 oclock and d shape pin right-hand at 12 oclock

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification 1st treatment response

**Shell Material Specification:**

Qq-a-591, comp a federal specification single material response

**Insert Material Specification:**

Mil-p-19833, ty gdi-30f military specification single material response all mating ends

**Included Contact Type:**

Round socket all mating ends all contact groupings

**Special Features:**

6 threaded mtg holes

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.268 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.