

View Online at <https://aerobasegroup.com/nsn/5935-00-175-8504>

**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 3.200 inches

**Unthreaded Mounting Hole Diameter:**

0.120 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:**

0.766 inches

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

57 all mating ends

**Contact Removability:**

Removable all mating ends all contact groupings

**Contact Maximum Current Rating In Amps:**

7.5 all mating ends all contact groupings

**Polarization Method:**

3 polarization posts

**Shell Type:**

Solid

**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 silver all mating ends all contact groupings

**Insert Material:**

Plastic all mating ends

**Terminal Type:**

Solder well all mating ends all contact groupings

**Guide Design And Location:**

Hexagon shape male post center at 5 oclock and hexagon shape male post left-hand at 5 oclock and hexagon shape male post right-hand at 5 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

**Included Contact Quantity:**

114 all mating ends all contact groupings

**Included Contact Type:**

Round socket all mating ends all contact groupings

**Precious Material And Location:**

Contact surface gold and contact surface silver

**Precious Material And Weight:**

0.114 gold grains, troy and 0.114 silver grains, troy

**Precious Material:**

Gold and silver

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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