

View Online at <https://aerobasegroup.com/nsn/5935-01-170-7678>

**Body Style:**

Straight shape

**Overall Height:**

3.110 inches

**Overall Width:**

2.000 inches

**Environmental Protection:**

Moisture resistant

**Unthreaded Mounting Hole Diameter:**

0.120 inches

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

2.783 inches

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

1.436 inches

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

0.756 inches

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

8 1st mating end

**Contact Removability:**

Removable all mating ends single contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 2nd mating end single contact grouping

**Polarization Method:**

3 polarization posts

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**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

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp all mating ends single contact grouping

**Guide Design And Location:**

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

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, class 3 federal specification all treatment responses

**Shell Material Specification:**

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

**Insert Material Specification:**

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

**Included Contact Quantity:**

8 1st mating end single contact grouping

**Included Contact Type:**

Round socket all mating ends single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.053 gold grains, troy

**Precious Material:**

Gold

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.