

View Online at <https://aerobasegroup.com/nsn/5935-00-509-4648>

**Body Style:**

Straight shape

**Overall Length:**

2.294 inches

**Overall Height:**

3.111 inches

**Overall Width:**

2.001 inches

**Environmental Protection:**

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

**Unthreaded Mounting Hole Diameter:**

0.112 inches

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

2.783 inches

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

1.437 inches

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

0.766 inches

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

W8 2nd mating end

**Contact Removability:**

Removable 1st mating end single contact grouping

**Contact Maximum Ac Voltage Rating In Volts:**

400.0 1st mating end single contact grouping

**Polarization Method:**

3 polarization posts

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Operating Temperature Rating:**

Between -54.2 degrees celsius and 125.0 degrees celsius

**Terminal Location:**

Back 1st mating end single contact grouping

**Contact Material:**

Copper alloy 1st mating end single contact grouping

**Contact Surface Treatment:**

Gold 1st mating end single contact grouping

**Insert Material:**

Plastic all mating ends

**Contact Surface Treatment Specification:**

Mil-g-45204, type 1, grade c, class 1 military specification single treatment response 1st mating end single contact grouping

**Terminal Type:**

Crimp 1st mating end single contact grouping

**Guide Design And Location:**

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

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

00-p-416, type 2, cl 3 federal specification all treatment responses

**Included Contact Quantity:**

106 1st mating end single contact grouping

**Included Contact Type:**

Round pin 1st mating end single contact grouping

**Special Features:**

Float mount

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.106 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.