

View Online at <https://aerobasegroup.com/nsn/5935-00-853-7593>

**Body Style:**

Straight shape, flush mount

**Overall Length:**

1.296 inches

**Overall Height:**

Between 3.060 inches and 3.090 inches

**Overall Width:**

Between 1.985 inches and 2.015 inches

**Environmental Protection:**

Corrosion resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.118 inches and 0.122 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:**

Between 0.110 inches and 0.140 inches

**Mating End Quantity:**

2

**Contact Removability:**

Removable all mating ends all contact groupings

**Contact Maximum Current Rating In Amps:**

7.5 2nd mating end 2nd contact grouping

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

366.0 all mating ends all contact groupings

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

517.0 all mating ends all contact groupings

**Polarization Method:**

Guide pin/socket

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**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

**Insert Material:**

Plastic diallyl phthalate all mating ends and glass fiber all mating ends

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response all mating ends all contact groupings

**Terminal Type:**

Crimp all mating ends all contact groupings

**Guide Design And Location:**

Hexagon shape male post left-hand at 12 oclock and hexagon shape male post center at 12 oclock and hexagon shape male post right-hand at 12 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, ty gdi-30f military specification all material responses all mating ends

**Included Contact Quantity:**

64 2nd mating end 2nd contact grouping

**Included Contact Type:**

Round pin all mating ends all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.158 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.