

View Online at <https://aerobasegroup.com/nsn/5935-01-307-7580>

**Body Style:**

Straight shape, insulation piercing

**Overall Length:**

Between 8.810 inches and 8.830 inches

**Overall Height:**

0.502 inches

**Overall Width:**

Between 0.552 inches and 0.572 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.135 inches and 0.141 inches

**Distance Between Mounting Facility Centers:**

Between 8.490 inches and 8.510 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

4 rows of contacts non-inserted board single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

3.0 single mating end single contact grouping

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

300.0 single mating end single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 105.0 degrees celsius

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy 170 single mating end single contact grouping or copper alloy 172 single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping

**Insert Material:**

Plastic polyester glass filled single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, grade c, class 1 military specification 1st treatment response single mating end single contact grouping

**Terminal Type:**

Printed circuit single mating end single contact grouping

**Contact Material Specification:**

Qq-c-533, temper a federal specification all material responses single mating end single contact grouping

**Shell Material:**

Aluminum alloy 6061

**Shell Surface Treatment:**

Anodize

**Shell Surface Treatment Specification:**

Mil-a-8625, type 2 military specification single treatment response

**Shell Material Specification:**

Qq-a-200/8 federal specification single material response or qq-a-200/9 federal specification single material response

**Insert Material Specification:**

Mil-m-24519, ty gpt-30f military specification single material response single mating end

**Included Contact Quantity:**

304 single mating end single contact grouping

**Included Contact Type:**

Hermaphrodite single mating end single contact grouping

**Special Features:**

Polarization is accomplished by two female polarizing bushings; style s, outline c per mil-c-28754/37

**Color:**

Black

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.304 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.