

View Online at <https://aerobasegroup.com/nsn/5935-01-082-8742>

**Body Style:**

Straight shape

**Overall Length:**

1.510 inches

**Overall Height:**

1.510 inches

**Overall Width:**

4.325 inches

**Environmental Protection:**

Corrosion resistant and salt spray proof and thermal shock resistant and vibration resistant and shock resistant and moisture resistant and humidity resistant

**Unthreaded Mounting Hole Diameter:**

0.138 inches

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

Between 3.571 inches and 3.579 inches

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

Between 3.571 inches and 3.579 inches

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

Between 0.519 inches and 0.534 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Err-090 single mating end

**Contact Removability:**

Removable single mating end 2nd contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 single mating end 2nd contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 200.0 degrees celsius

**Terminal Location:**

Back single mating end 2nd contact grouping

**Contact Material:**

Copper alloy single mating end 2nd contact grouping

**Contact Surface Treatment:**

Gold and copper single mating end 2nd contact grouping

**Insert Material:**

Plastic single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp single mating end 2nd contact grouping

**Contact Material Specification:**

Qq-c-533 federal specification single material response single mating end 2nd contact grouping

**Shell Material:**

Aluminum alloy 380.0

**Shell Surface Treatment:**

Nickel

**Shell Surface Treatment Specification:**

Mil-c-26074, grade a, class 3 or 4 military specification single treatment response

**Shell Material Specification:**

Qq-a-591 federal specification single material response

**Included Contact Quantity:**

52 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end 2nd contact grouping

**Special Features:**

59c7 insert arrangement

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.052 gold grains, troy

**Precious Material:**

Gold

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.