

View Online at <https://aerobasegroup.com/nsn/5935-01-347-8807>

**Body Style:**

Straight shape

**Overall Length:**

Between 2.073 inches and 2.103 inches

**Overall Width:**

Between 0.479 inches and 0.509 inches

**Environmental Protection:**

Corrosion resistant and humidity resistant and shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.115 inches and 0.125 inches

**Distance Between Mounting Facility Centers:**

Between 1.847 inches and 1.857 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

44 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping and nickel single mating end single contact grouping

**Insert Material:**

Plastic diallyl phthalate glass filled single mating end or 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 and qq-n-290, class 2 federal specification 2nd treatment response single mating end single contact grouping

**Criticality Code Justification:**

Feat

**Shell Material:**

Metal

**Shell Surface Treatment:**

Nickel

**Shell Surface Treatment Specification:**

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

**Insert Material Specification:**

Mil-m-14, type sdg-f military specification 1st material response single mating end or mil-m-24519, type gpt-30f or type get-30f military specification 2nd material response single mating end

**Included Contact Quantity:**

44 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Special Features:**

The following contacts are shorted together; 3 to 7, 4 to 27, 5 to 20, 8 to 37, 9 to 18, 16 to 25, 17 to 23, 19 to 24, 31 to 43, 33 to 34, 35 to 36, 38 to 40, 39 to 44

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.044 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.