

View Online at <https://aerobasegroup.com/nsn/5935-01-333-4877>

**Body Style:**

Rectangular shape

**Overall Length:**

Between 2.620 inches and 2.650 inches

**Overall Height:**

1.393 inches

**Overall Width:**

Between 0.590 inches and 0.620 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 2.401 inches and 2.411 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

50 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Potting

**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:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, class 2 federal specification all treatment responses

**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:**

50 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Special Features:**

The following contacts are shorted together; 1 to 2, 3 to 4, 5 to 10, 6 to 22, 7 to 18, 8 to 9, 11 to 12, 13 to 21, 14 to 34, 15 to 27, 16 to 29, 29 to 38, 17 to 24, 24 to 50, 19 to 25, 23 to 44, 44 to 45, 28 to 43, 30 to 49, 31 to 32, 41 to 42, 47 to 48, 20 to 26, 26 to 35, 35 to 37, 37 to 39, 39 to 40, 40 to 46

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.050 gold grains, troy

**Precious Material:**

Gold

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A039b0

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

Mil-g-45204 spec.