

View Online at <https://aerobasegroup.com/nsn/5935-01-138-0631>

**Body Style:**

Rectangular shape

**Overall Length:**

Between 2.740 inches and 2.780 inches

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

Between 2.382 inches and 2.398 inches

**Overall Height:**

Between 0.355 inches and 0.375 inches

**Overall Width:**

Between 1.516 inches and 1.556 inches

**Environmental Protection:**

Humidity resistant and shock resistant and thermal shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.147 inches and 0.153 inches

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

Between 0.873 inches and 0.883 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

25-104 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 single mating end single contact grouping

**Polarization Method:**

Contact

**Terminal Location:**

Back single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping

**Insert Material:**

Plastic diallyl phthalate single mating end

**Contact Surface Treatment Specification:**

Mil-g-45294 type 1, grade c military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Insert Material Specification:**

Mil-m-14 ty sdg-f military specification single material response single mating end

**Included Contact Quantity:**

104 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.104 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-28748 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Specification Data:**

81349-mil-c-28748/5 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45294 spec.