

View Online at <https://aerobasegroup.com/nsn/5935-01-251-5046>

**Body Style:**

Straight shape

**Overall Length:**

1.541 inches

**Overall Height:**

Between 2.032 inches and 2.062 inches

**Overall Width:**

Between 1.985 inches and 2.015 inches

**Environmental Protection:**

Corrosion resistant and humidity resistant and shock resistant and thermal shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.118 inches and 0.122 inches

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

1.720 inches

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

Between 1.427 inches and 1.447 inches

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

Between 0.755 inches and 0.780 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

40 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Mating end and 3 polarization posts

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, gr c, cl 1 military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Guide Design And Location:**

Hexagon shape male post left-hand at 12 o'clock and hexagon shape male post center at 12 o'clock and hexagon shape male post right-hand at 12 o'clock

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

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

**Shell Material Specification:**

Qq-a-367 federal specification single material response or qq-a-250 federal specification single material response

**Included Contact Quantity:**

40 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:**

0.040 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-81659 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-81659/29 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.