

View Online at <https://aerobasegroup.com/nsn/5935-01-319-5229>

Body Style:

Straight shape

Overall Length:

Between 1.415 inches and 1.435 inches

Overall Height:

Between 0.596 inches and 0.616 inches

Overall Width:

Between 0.331 inches and 0.351 inches

Environmental Protection:

Moisture resistant and salt water resistant and shock resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.088 inches and 0.096 inches

Distance Between Mounting Facility Centers:

Between 1.210 inches and 1.220 inches

Mating End Quantity:

1

Contact Position Arrangement Style:

51 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

3.0 single mating end single contact grouping

Polarization Method:

Mating end

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

Insert Material:

Plastic diallyl phthalate glass filled single mating end

Contact Surface Treatment Specification:

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

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Aluminum alloy or steel

Shell Surface Treatment:

Cadmium or zinc

Shell Material Specification:

Qq-a-591 federal specification 1st material response or qq-s-766 federal specification 2nd material response

Insert Material Specification:

Mil-m-14, ty sdg-f or gdi-30f military specification single material response single mating end

Included Contact Quantity:

51 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:

0.051 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-83513 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-83513/1 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.