

View Online at <https://aerobasegroup.com/nsn/5935-01-181-8112>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape

Overall Length:

Between 1.350 inches and 1.385 inches

Overall Height:

Between 1.146 inches and 1.170 inches

Overall Width:

Between 4.300 inches and 4.330 inches

Environmental Protection:

Humidity resistant and salt water resistant and shock resistant and thermal shock resistant and heat resistant and cold resistant

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 0.558 inches and 0.566 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 3.870 inches and 3.880 inches

Distance From Mounting Shoulder To Front Face:

Between 0.519 inches and 0.534 inches

Threaded Device Type:

Mounting stud

Mating End Quantity:

1

Contact Position Arrangement Style:

71 single mating end

Contact Removability:

Removable single mating end all contact groupings

Polarization Method:

Guide pin/socket and mating end

Shell Type:

Solid

Connector Locking Method:

Friction

Thready Qty Per Inch (tpi):

24

Thread Size:

0.312 inches

Terminal Location:

Back single mating end all contact groupings

Contact Material:

Copper alloy single mating end all contact groupings

Contact Surface Treatment:

Gold single mating end all contact groupings

Contact Surface Treatment Specification:

Mil-g-45204 military specification 1st treatment response single mating end all contact groupings

Terminal Type:

Crimp single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Nickel

Shell Surface Treatment Specification:

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

Shell Material Specification:

Qq-a-591 federal specification single material response

Unable To Decode:

Unable to decode and unable to decode

Included Contact Quantity:

56 single mating end 2nd contact grouping

Included Contact Type:

Round pin single mating end all contact groupings

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.071 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-83733 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.).

Thread Series Designator:

Unf

Specification Data:

81349-mil-c-83733/3 government specification

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.