

View Online at <https://aerobasegroup.com/nsn/5935-00-172-4909>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

Between 1.486 inches and 1.551 inches

Overall Diameter:

Between 2.100 inches and 2.120 inches

Environmental Protection:

Moisture resistant and salt water resistant and vibration resistant

Distance From Mounting Shoulder To Front Face:

Between 0.894 inches and 0.906 inches

Mounting Facility Thickness:

0.125 inches

Threaded Device Type:

Back shell and mounting bushing

Mating End Quantity:

1

Contact Position Arrangement Style:

41 number 20 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

225.0 and 190.0 and 160.0 and 50.0

Shell Type:

Solid

Connector Locking Method:

Bayonet pin

Thready Qty Per Inch (tpi):

28 and 21

Thread Size:

1.500 inches and 1.625 inches

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 1, class 1 military specification single treatment response single mating end single contact grouping

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification single treatment response

Included Contact Quantity:

41 single mating end single contact grouping

Bushing Accommodation Hole Shape:

Round w/flat

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.041 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-81511 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:

Un and uns

Specification Data:

81349-mil-c-81511-23 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.