

View Online at <https://aerobasegroup.com/nsn/5935-01-311-3666>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Rectangular shape, w/jackscrew

Overall Length:

Between 3.526 inches and 3.546 inches

Center To Center Distance Between Mounting Facilities Parallel To Length:

Between 3.090 inches and 3.110 inches

Overall Height:

2.997 inches

Overall Width:

Between 1.630 inches and 1.650 inches

Environmental Protection:

Corrosion resistant and thermal shock resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.115 inches and 0.135 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 0.990 inches and 1.010 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

75 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Jackscrew and guide pin/socket

Connector Locking Method:

Jackscrew

Thready Qty Per Inch (tpi):

24

Thread Size:

0.190 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 and nickel single mating end single contact grouping

Insert Material:

Plastic diallyl phthalate glass filled single mating end and plastic polyester single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 2, grade c, cl 1 military specification 1st treatment response single mating end single contact grouping and qq-n-290, cl 2 federal specification 2nd treatment response single mating end single contact grouping

Terminal Type:

Crimp single mating end single contact grouping

Contact Material Specification:

Qq-b-750 federal specification single material response single mating end single contact grouping

Guide Design And Location:

Key shape pin left-hand at 9 o'clock

Insert Material Specification:

Mil-m-14, ty sdg-f or ty gdi-20f military specification 1st material response single mating end and mil-m-24519 military specification 2nd material response single mating end

Included Contact Quantity:

75 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Special Features:

Jackscrew type-male and location-center

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.075 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-28731 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:

Unc

Specification Data:

81349-mil-c-28731/3 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.