

View Online at <https://aerobasegroup.com/nsn/5935-01-284-3644>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, rectangular

Overall Length:

Between 3.260 inches and 3.280 inches

Overall Height:

Between 0.865 inches and 0.885 inches

Overall Width:

Between 1.990 inches and 2.010 inches

Environmental Protection:

Corrosion resistant and thermal shock resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.115 inches and 0.135 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 0.458 inches and 0.478 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.678 inches and 1.698 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Guide pin/socket

Shell Type:

Solid

Connector Locking Method:

Jackscrew

Thready Qty Per Inch (tpi):

40

Thread Size:

0.125 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 single mating end and glass fiber single mating end or plastic polyester single mating end

Contact Surface Treatment Specification:

Mil-g-45204, ty ii, grade d, class 1 military specification 1st treatment response single mating end single contact grouping and qq-n-290, class 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

Shell Material:

Aluminum alloy

Insert Material Specification:

Mil-m-14, ty sdg-f or ty gdi-30f military specification 1st material response single mating end and mil-m-14, ty sdg-f or ty gdi-30f military specification 2nd material response single mating end or mil-m-24519 military specification 3rd material response single mating end

Included Contact Quantity:

38 single mating end single contact grouping

Included Contact Type:

Hermaphrodite single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.038 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-28731/12 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.