

View Online at <https://aerobasegroup.com/nsn/5935-01-248-7107>

Thread Direction:

Right-hand

Body Style:

Straight shape

Overall Length:

69.0 millimeters

Overall Height:

21.5 millimeters

Overall Width:

6.4 millimeters

Environmental Protection:

Shock resistant and vibration resistant and corrosion resistant and humidity resistant

Distance Between Mounting Facility Centers:

60.9 millimeters

Threaded Device Type:

Mounting stud

Mating End Quantity:

1

Contact Position Arrangement Style:

2 rows of contacts non-inserted board single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

5.0 single mating end single contact grouping

Polarization Method:

Guide pin/socket

Connector Locking Method:

Friction

Thread Size:

2.5 millimeters

Thread Pitch In Millimeters:

0.45

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 and glass fiber single mating end or plastic polyphenylene single mating end and glass fiber single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 2, cl 1, gr c 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:

Solder well single mating end single contact grouping

Contact Material Specification:

Qq-b-626 federal specification single material response single mating end single contact grouping or qq-b-750 federal specification single material response single mating end single contact grouping or qq-c-530 federal specification single material response single mating end single contact grouping or qq-w-321 federal specification single material response single mating end single contact grouping

Insert Material Specification:

Mil-m-14, ty sdg-f or gdi-30f military specification all material responses single mating end or mil-m-24519, ty gpt-30f military specification all material responses single mating end or mil-p-46174, cl 40, gr e military specification all material responses single mating end

Thread Tolerance Class:

6g external

Included Contact Quantity:

41 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:

0.041 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-dod-c-55302 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:

Iso m

Specification Data:

81349-dod-c-55302/162 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.