

View Online at <https://aerobasegroup.com/nsn/5935-01-307-9722>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

29.7 millimeters

Overall Height:

Between 28.3 millimeters and 28.9 millimeters

Overall Width:

Between 28.3 millimeters and 28.9 millimeters

Unable To Decode:

Unable to decode and unable to decode

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Unable to decode and unable to decode

Environmental Protection:

Hermetic and moisture proof and salt water resistant and vibration proof and corrosion resistant and dust resistant and fuel resistant and fungus resistant and humidity resistant and oil resistant and shock resistant and thermal shock resistant and vibration resistant

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 20.62 millimeters and 23.01 millimeters

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 20.62 millimeters and 23.01 millimeters

Distance From Mounting Shoulder To Front Face:

21.4 millimeters

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

13-35 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

0.0 and 124.0 and 152.0 and 219.0 and 265.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Operating Temperature Rating:

Between -65.0 degrees celsius and 200.0 degrees celsius

Features Provided:

Color band engagement indicator

Thready Qty Per Inch (tpi):

10

Thread Size:

0.875 inches

Terminal Location:

Back single mating end single contact grouping

Contact Material:

Nickel single mating end single contact grouping and iron alloy 52 single mating end single contact grouping

Contact Surface Treatment:

Gold single mating end single contact grouping

Insert Material:

Glass single mating end

Contact Surface Treatment Specification:

Mil-g-45204 military specification single treatment response single mating end single contact grouping

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Stainless steel

Shell Surface Treatment:

Nickel

Shell Surface Treatment Specification:

Qq-n-290, cl 2 federal specification single treatment response

Included Contact Quantity:

22 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:

0.022 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-dod-c-38999 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:

Special acme

Specification Data:

81349-dod-c-38999/21 government specification

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.