

View Online at <https://aerobasegroup.com/nsn/5935-01-477-7938>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

31.5 millimeters

Overall Height:

Between 36.2 millimeters and 36.8 millimeters

Overall Width:

Between 36.2 millimeters and 36.8 millimeters

Unable To Decode:

Unable to decode and unable to decode

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Unable to decode and unable to decode

Environmental Protection:

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:

29.36 millimeters

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

29.36 millimeters

Distance From Mounting Shoulder To Front Face:

Between 19.5 millimeters and 20.9 millimeters

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

19-32 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0 and 95.0 and 145.0 and 220.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Operating Temperature Rating:

Between -65.0 degrees celsius and 200.0 degrees celsius

Features Provided:

Scoopproof design and color band engagement indicator

Thread Size:

12.0 millimeters

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

Insert Material:

Plastic epoxy all mating ends

Contact Surface Treatment Specification:

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

Terminal Type:

Crimp 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

Thread Tolerance Class:

6g external

Included Contact Quantity:

32 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material:

Gold

Test Data Document:

81349-mil-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:

Iso m and special acme

Specification Data:

81349-mil-c-38999/20 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

N/A

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.