

View Online at <https://aerobasegroup.com/nsn/5935-01-417-0096>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

33.7 millimeters

Overall Height:

39.7 millimeters

Overall Width:

39.7 millimeters

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:

31.8 millimeters

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

31.8 millimeters

Distance From Mounting Shoulder To Front Face:

18.7 millimeters

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

21-41 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 103.0 and 160.0 and 220.0 and 294.0

Shell Type:

Solid

Connector Locking Method:

Detent

Thread Length:

7.1 millimeters and 15.0 millimeters

Features Provided:

Scoopproof design

Thread Size:

31.0 millimeters and 1.375 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

Insert Material:

Plastic epoxy single mating end

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:

Passivate

Thread Tolerance Class:

6g external and 6g external

Included Contact Quantity:

41 single mating end single contact grouping

Bushing Accommodation Hole Shape:

Round

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-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-38999/26 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

1-0001-0

Mil-std (military Standard):

Mil-g-45204 spec.