

View Online at <https://aerobasegroup.com/nsn/5935-01-304-5807>

Thread Class:

2b

Thread Pitch Diameters:

+17.20/+17.32 millimeters and +0.849/+0.859 inches

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, internal coupling

Overall Length:

33.16 millimeters

Overall Diameter:

29.4 millimeters

Environmental Protection:

Corrosion resistant and fuel resistant and salt spray proof and vibration resistant

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

13-35 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

119.0 and 146.0 and 176.0 and 298.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded coupling nut

Operating Temperature Rating:

Between -65.0 degrees celsius and 200.0 degrees celsius

Thready Qty Per Inch (tpi):

10

Thread Size:

18.0 millimeters and 0.875 inches

Thread Pitch In Millimeters:

1.00

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:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416 federal specification all treatment responses

Thread Tolerance Class:

6g external

Included Contact Quantity:

22 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Special Features:

Mates to receptacles from mil-dtl-38999 series iii. Utilizes contacts from mil-c-39029

Color:

Olive drab

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.022 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-dtl-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-dtl-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.