

View Online at <https://aerobasegroup.com/nsn/5935-01-431-7873>

Thread Pitch Diameters:

+1.141/+1.151 inches

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

31.5 millimeters

Overall Height:

33.3 millimeters

Overall Width:

33.3 millimeters

Center To Center Distance Between Mounting Facilities Parallel To Height:

26.9 millimeters

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

26.9 millimeters

Distance From Mounting Shoulder To Front Face:

19.5 millimeters

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

17-8 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

66.0 and 140.0 and 200.0 and 257.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Size:

25.0 millimeters

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

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Thread Tolerance Class:

6g external

Included Contact Quantity:

8 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

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

Specification Data:

81349-dod-38999/20 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-c-38999 spec.