

View Online at <https://aerobasegroup.com/nsn/5935-01-303-9875>

Thread Class:

2a and 2a and 2b

Thread Direction:

Right-hand and right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

31.5 millimeters

Overall Height:

Between 28.3 millimeters and 28.9 millimeters

Overall Width:

Between 28.3 millimeters and 28.9 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 vibration resistant and oil resistant and shock resistant and thermal shock resistant

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 20.62 millimeters and 23.00 millimeters

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 20.62 millimeters and 23.00 millimeters

Distance From Mounting Shoulder To Front Face:

20.9 millimeters

Threaded Device Type:

Back shell and coupling facility and hub

Mating End Quantity:

12

Contact Position Arrangement Style:

13-35 single mating end

Polarization Method:

Keyway or multiple keyway and key, multiple key groove

Insert Position In Deg:

62.0 and 184.0 and 214.0 and 241.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.280 inches

Operating Temperature Rating:

Between -65.0 degrees celsius and 200.0 degrees celsius

Thready Qty Per Inch (tpi):

10 and 10

Thread Size:

18.0 millimeters and 0.875 inches

Thread Pitch In Millimeters:

1.00 and 1.00

Insert Material:

Plastic epoxy single mating end and glass single mating end

Shell Material:

Aluminum alloy or zinc

Shell Surface Treatment:

Cadmium and chromate or nickel

Shell Surface Treatment Specification:

Qq-p-416 ty ii, cl 3 federal specification single treatment response

Thread Tolerance Class:

6g external and 6g external

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:

Iso m and special acme and iso m

Specification Data:

81349-dod-c-38999/20 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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