

View Online at <https://aerobasegroup.com/nsn/5935-01-627-1242>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

33.7 millimeters

Overall Height:

39.7 millimeters

Overall Width:

39.7 millimeters

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 29.36 millimeters and 31.75 millimeters

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 29.36 millimeters and 31.75 millimeters

Distance From Mounting Shoulder To Front Face:

21.4 millimeters

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

21-39 single mating end

Contact Removability:

Nonremovable single mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0 and 67.0 and 164.0 and 218.0 and 280.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Operating Temperature Rating:

Between -65.0 degrees celsius and 200.0 degrees celsius

Thread Size:

1.375 inches

Terminal Location:

Back single mating end all contact groupings

Contact Material:

Iron and nickel single mating end all contact groupings

Contact Surface Treatment:

Gold single mating end all contact groupings

Terminal Type:

Solder well single mating end all contact groupings

Shell Material:

Stainless steel

Shell Surface Treatment:

Passivate

Included Contact Quantity:

37 single mating end 2nd contact grouping

Included Contact Type:

Round pin single mating end all contact groupings

Precious Material And Location:

Contact surface gold

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:

Special acme

Specification Data:

81349-mil-dtl-38999/21 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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