

View Online at <https://aerobasegroup.com/nsn/5935-01-175-0242>

Body Style:

Straight shape, external coupling w/backshell

Overall Length:

34.1 millimeters

Overall Height:

Between 30.4 millimeters and 31.5 millimeters

Overall Width:

Between 30.4 millimeters and 31.5 millimeters

Environmental Protection:

Moisture proof and salt water resistant and vibration proof

Unthreaded Mounting Hole Diameter:

Between 3.1 millimeters and 3.5 millimeters

Center To Center Distance Between Mounting Facilities Parallel To Height:

24.6 millimeters

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

24.6 millimeters

Distance From Mounting Shoulder To Front Face:

Between 19.2 millimeters and 20.8 millimeters

Mating End Quantity:

1

Contact Position Arrangement Style:

15-97 single mating end

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

7.5 single mating end 2nd contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Spring friction

Terminal Location:

Back single mating end all contact groupings

Contact Material:

Copper alloy 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:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416 federal specification single treatment response

Included Contact Quantity:

8 single mating end 2nd contact grouping

Included Contact Type:

Round pin single mating end all contact groupings

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.012 gold grains, troy

Precious Material:

Gold

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.).

Specification Data:

81349-dod-c-38999/42 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0