

View Online at <https://aerobasegroup.com/nsn/5935-01-388-5858>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

32.0 millimeters

Overall Height:

Between 36.0 millimeters and 37.1 millimeters

Overall Width:

Between 36.0 millimeters and 37.1 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 oil resistant and shock resistant and thermal shock resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 3.1 millimeters and 3.5 millimeters

Center To Center Distance Between Mounting Facilities Parallel To Height:

29.36 millimeters

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

29.36 millimeters

Distance From Mounting Shoulder To Front Face:

Between 19.2 millimeters and 20.8 millimeters

Threaded Device Type:

Back shell

Mating End Quantity:

1

Contact Position Arrangement Style:

19-32 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Key or multiple key

Shell Type:

Solid

Connector Locking Method:

Bayonet latch and detent

Thread Length:

0.280 millimeters

Operating Temperature Rating:

Between -65.0 degrees celsius and 175.0 degrees celsius

Unable To Decode:

Unable to decode and unable to decode

Thread Size:

1.000 millimeters

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 and solder single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416 federal specification single treatment response

Included Contact Quantity:

32 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material:

Gold

Supplementary Features:

Mounting method - flange and unthreaded hole

Test Data Document:

81349-d38999/40 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-d38999/40 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.