

View Online at <https://aerobasegroup.com/nsn/5935-01-535-7075>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

1.248 inches

Overall Diameter:

Between 2.296 inches and 2.328 inches

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

Distance From Mounting Shoulder To Front Face:

Between 0.910 inches and 0.920 inches

Mounting Facility Thickness:

Between 0.062 inches and 0.125 inches

Threaded Device Type:

Back shell and mounting bushing

Mating End Quantity:

1

Contact Position Arrangement Style:

25-4 single mating end

Contact Removability:

Removable single mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

95.0 and 240.0 and 288.0 and 355.0

Shell Type:

Solid

Connector Locking Method:

Bayonet pin

End Application:

Nsn 2350-01-506-0132; armored reconnaissance-airborne assault vehicle

Thread Length:

0.219 inches

Operating Temperature Rating:

Between -65.0 degrees celsius and 200.0 degrees celsius

Features Provided:

Scoopproof design

Thready Qty Per Inch (tpi):

18 and 18

Thread Size:

1.438 inches and 1.750 inches

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

Insert Material:

Plastic epoxy single mating end

Terminal Type:

Crimp single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Nickel

Shell Surface Treatment Specification:

Mil-dtl-38999, class 3 or 4, grade b military specification single treatment response

Included Contact Quantity:

8 single mating end 1st contact grouping

Bushing Accommodation Hole Shape:

Round w/flat

Included Contact Type:

Round socket single mating end all contact groupings

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.056 gold grains, troy

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:

Unef and uns

Specification Data:

96906-ms27468 government standard

Specification Or Standard:

96906 ms27468t25f4sn reference number

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A6991-6

Mil-std (military Standard):

Mil-dtl-38999 spec.