

View Online at <https://aerobasegroup.com/nsn/5935-01-647-0594>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

1.405 inches

Overall Height:

1.36 inches

Overall Width:

1.36 inches

Environmental Protection:

Moisture proof and salt water resistant and vibration proof

Unthreaded Mounting Hole Diameter:

0.15 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

1.031 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.031 inches

Distance From Mounting Shoulder To Front Face:

Between 0.462 inches and 0.493 inches

Threaded Device Type:

Back shell

Mating End Quantity:

1

Contact Position Arrangement Style:

14-18 single mating end

Contact Removability:

Removable single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

1000.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Bayonet pin

Thread Length:

0.29 inches

Thread Qty Per Inch (tpi):

20

Thread Size:

0.875 inches

Terminal Location:

Back single mating end single contact grouping

Contact Material:

Copper alloy single mating end single contact grouping

Contact Surface Treatment:

Gold and nickel single mating end single contact grouping

Contact Surface Treatment Specification:

Mil-g-45204, type 1, cl 1, grade c military specification 1st treatment response and bcqq-n-290, grade e federal specification 3rd treatment response single mating end single contact grouping

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum alloy 6061 or aluminum alloy 380.0 or aluminum alloy a380.0

Included Contact Quantity:

18 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Special Features:

Non-cadmium part; in order to complete the connector assembly, the user must obtain/provide the backshell; standard versions may be ordered as nsn 5935-01-163-3224, p/n m85049/52-1-14w for the straight style, or nsn 5935-01-186-565612, p/n m85049/51-1-14w for the right angle style

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.018 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-dtl-26482 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

Specification Data:

96906--53472 government standard

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No