

View Online at <https://aerobasegroup.com/nsn/5935-01-304-0567>

Thread Class:

2a and 2b

Thread Direction:

Left-hand and right-hand

Body Style:

Straight shape, external coupling w/backshell

Overall Length:

1.932 inches

Overall Diameter:

3.406 inches

Environmental Protection:

Thermal shock resistant and moisture resistant and salt water resistant and shock resistant and vibration resistant

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

44-52 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

22.0 single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

225.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded shell

End Application:

5841-01-256-9395 detecting system, sp

Operating Temperature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thready Qty Per Inch (tpi):

16 and 10

Thread Size:

2.875 inches and 3.000 inches

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 single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 1, cl 1 military specification single treatment response single mating end single contact grouping

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate and nickel

Shell Surface Treatment Specification:

Qq-p-416, type 2 federal specification 1st treatment response and qq-p-416, type 2 federal specification 2nd treatment response and qq-n-290 federal specification 3rd treatment response

Included Contact Quantity:

104 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 And Weight:

0.104 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-22992 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:

Un and double stub

Specification Data:

96906-ms17344 government standard

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-Spec 8835 (Rev. 10-1992)