

View Online at <https://aerobasegroup.com/nsn/5935-01-332-3293>

Thread Class:

2a and 2a and 2a

Thread Direction:

Right-hand and right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

2.031 inches

Overall Diameter:

Between 1.438 inches and 1.448 inches

Environmental Protection:

Moisture proof and salt water resistant and vibration proof and shock resistant and cold resistant and heat resistant and explosion proof

Distance From Mounting Shoulder To Front Face:

Between 0.715 inches and 0.725 inches

Mounting Facility Thickness:

0.128 inches

Threaded Device Type:

Back shell and coupling facility and mounting bushing

Mating End Quantity:

1

Contact Position Arrangement Style:

14s-7 single mating end

Contact Removability:

Removable 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:

90.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.290 inches and 0.375 inches

Operating Temperature Rating:

Between -55.0 degrees celsius and 200.0 degrees celsius

Thready Qty Per Inch (tpi):

20 and 20 and 20

Thread Size:

0.875 inches and 0.875 inches and 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 single mating end single contact grouping and nickel single mating end single contact grouping

Insert Material:

Rubber silicone class q single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 2, grade c, class 1 military specification 1st treatment response single mating end single contact grouping and qq-n-290, class 2 federal specification 2nd treatment response single mating end single contact grouping

Criticality Code Justification:

Feat

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum

Shell Surface Treatment:

Cadmium and chromate and nickel

Shell Surface Treatment Specification:

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

Included Contact Quantity:

3 single mating end single contact grouping

Bushing Accommodation Hole Shape:

Round

Included Contact Type:

Round socket single mating end single contact grouping

Special Features:

16-22 wire size socket contacts in lieu of 16-16; 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 5935-01-186-5612, p/n m85049/51-1-14w for the right angle style

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.003 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-5015 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

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.