

View Online at <https://aerobasegroup.com/nsn/5935-01-397-6997>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

1.625 inches

Overall Height:

Between 1.488 inches and 1.528 inches

Overall Width:

Between 1.488 inches and 1.528 inches

Unthreaded Mounting Hole Diameter:

Between 0.115 inches and 0.130 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

1.140 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.140 inches

Distance From Mounting Shoulder To Front Face:

Between 0.878 inches and 0.898 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

19-42 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

62.0 and 145.0 and 180.0 and 280.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thready Qty Per Inch (tpi):

10

Thread Size:

1.312 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 fluorosilicone single mating end

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum

Shell Surface Treatment:

Cadmium and chromate and nickel

Included Contact Quantity:

42 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Special Features:

Wire size 20-28

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.042 gold grains, troy

Precious Material:

Gold

Test Data Document:

81349-mil-c-28840 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:

Double stub

Specification Data:

81349-mil-c-28840/12 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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