

View Online at <https://aerobasegroup.com/nsn/5935-01-267-8139>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling w/backshell

Overall Length:

2.062 inches

Overall Height:

Between 2.118 inches and 2.158 inches

Overall Width:

Between 2.118 inches and 2.158 inches

Environmental Protection:

Moisture resistant and corrosion resistant and thermal shock resistant and vibration resistant and heat resistant and cold resistant

Unthreaded Mounting Hole Diameter:

Between 0.142 inches and 0.157 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

1.568 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.568 inches

Distance From Mounting Shoulder To Front Face:

Between 0.878 inches and 0.898 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

22-121 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

116.0 and 160.0 and 191.0 and 211.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.450 inches

Thready Qty Per Inch (tpi):

16 and 10

Thread Size:

1.875 inches and 1.812 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

Contact Surface Treatment Specification:

Mil-g-45204 military specification single 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:

121 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Special Features:

20-20 wire size socket contacts in lieu of 20-22

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.121 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:

Un and double stub

Specification Data:

81349-mil-c-28840/10 government specification

Shelf Life:

N/a

Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.