

View Online at <https://aerobasegroup.com/nsn/5935-01-306-5327>

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:

2.062 inches

Overall Diameter:

Between 1.661 inches and 1.681 inches

Environmental Protection:

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

Distance From Mounting Shoulder To Front Face:

Between 1.013 inches and 1.033 inches

Mounting Facility Thickness:

0.188 inches

Threaded Device Type:

Back shell and coupling facility and mounting bushing

Mating End Quantity:

1

Contact Position Arrangement Style:

15-21 single mating end

Contact Removability:

Removable single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0 and 50.0 and 160.0 and 190.0 and 225.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.549 inches

Operating Temperature Rating:

Between -55.0 degrees celsius and 200.0 degrees celsius

Thread Qty Per Inch (tpi):

20 and 10 and 18

Thread Size:

1.000 inches and 1.062 inches and 1.188 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, cl 3 federal specification 1st treatment response and qq-p-416, type 2, cl 3 federal specification 2nd treatment response

Included Contact Quantity:

21 single mating end single contact grouping

Bushing Accommodation Hole Shape:

Round w/flat

Included Contact Type:

Round pin 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:

0.021 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:

Unef and double stub and unef

Specification Data:

81349-mil-c-28840/14 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

N/A

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.