

View Online at <https://aerobasegroup.com/nsn/5935-00-501-6219>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

2.312 inches

Overall Height:

Between 1.969 inches and 2.031 inches

Overall Width:

Between 1.969 inches and 2.031 inches

Environmental Protection:

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

Unthreaded Mounting Hole Diameter:

Between 0.142 inches and 0.157 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.557 inches and 1.567 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.557 inches and 1.567 inches

Distance From Mounting Shoulder To Front Face:

Between 0.812 inches and 0.843 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

28-1 single mating end

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

73.0 single mating end 1st contact grouping73.0 single mating end 2nd contact grouping41.0 single mating end 3rd contact grouping41.0 single mating end 4th contact grouping

Contact Maximum Ac Voltage Rating In Volts:

900.0 single mating end 1st contact grouping500.0 single mating end 2nd contact grouping900.0 single mating end 3rd contact grouping500.0 single mating end 4th contact grouping

Contact Maximum Dc Voltage Rating In Volts:

1250.0 single mating end 1st contact grouping700.0 single mating end 2nd contact grouping1250.0 single mating end 3rd contact grouping700.0 single mating end 4th contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.375 inches and 0.625 inches

Operating Temperature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thread Qty Per Inch (tpi):

18 and 18

Thread Size:

1.438 inches and 1.750 inches

Terminal Location:

Back single mating end all contact groupings

Contact Material:

Copper alloy single mating end all contact groupings

Contact Surface Treatment:

Silver single mating end 1st contact groupingsilver single mating end 2nd contact groupinggold single mating end 3rd contact grouping and nickel single mating end 3rd contact groupinggold single mating end 4th contact grouping and nickel single mating end 4th contact grouping

Insert Material:

Rubber single mating end

Contact Surface Treatment Specification:

Qq-s-365 federal specification single treatment response single mating end 1st contact groupingqq-s-365 federal specification single treatment response single mating end 2nd contact groupingmil-g-45204, type 1, grade b military specification 1st treatment response single mating end 3rd contact grouping and qq-n-290, cl 1, grade b federal specification 2nd treatment response single mating end 3rd contact groupingmil-g-45204, type 1, grade 3 military specification 1st treatment response single mating end 4th contact grouping and qq-n-290, cl 1, grade b federal specification 2nd treatment response single mating end 4th contact grouping

Terminal Type:

Solder well single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification all treatment responses

Included Contact Quantity:

1 single mating end 1st contact grouping2 single mating end 2nd contact grouping2 single mating end 3rd contact grouping4 single mating end 4th contact grouping

Included Contact Type:

Round socket single mating end all contact groupings

Precious Material And Location:

Contact surfaces gold and contact surfaces silver

Precious Material And Weight:

0.030 gold grains, troy and 0.015 silver grains, troy

Precious Material:

Gold and silver

Test Data Document:

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.