

View Online at <https://aerobasegroup.com/nsn/5935-00-259-1624>

Thread Class:

2a and 2b

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, internal coupling

Overall Length:

2.312 inches

Overall Diameter:

1.969 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

28-10 single mating end

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

41.0 single mating end 1st contact grouping 41.0 single mating end 2nd contact grouping 73.0 single mating end 3rd contact grouping 135.0 single mating end 4th contact grouping

Contact Maximum Ac Voltage Rating In Volts:

900.0 single mating end 1st contact grouping 500.0 single mating end 2nd contact grouping 500.0 single mating end 3rd contact grouping 500.0 single mating end 4th contact grouping

Contact Maximum Dc Voltage Rating In Volts:

1250.0 single mating end 1st contact grouping 700.0 single mating end 2nd contact grouping 700.0 single mating end 3rd contact grouping 700.0 single mating end 4th contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded coupling ring

Thread Length:

0.375 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:

Gold single mating end 1st contact grouping and silver single mating end 1st contact grouping or silver single mating end 1st contact grouping
gold single mating end 2nd contact grouping and silver single mating end 2nd contact grouping or silver single mating end 2nd contact grouping
silver single mating end 3rd contact grouping
silver single mating end 4th contact grouping

Insert Material:

Rubber single mating end

Contact Surface Treatment Specification:

Mil-g-45204 military specification 1st treatment response single mating end 1st contact grouping and qq-s-365 federal specification 2nd treatment response single mating end 1st contact grouping or qq-s-365 federal specification 3rd treatment response single mating end 1st contact grouping
mil-g-45204 military specification 1st treatment response single mating end 2nd contact grouping and qq-s-365 federal specification 2nd treatment response single mating end 2nd contact grouping or qq-s-365 federal specification 3rd treatment response single mating end 2nd contact grouping
qq-s-365 federal specification single treatment response single mating end 3rd contact grouping
qq-s-365 federal specification single 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 grouping
2 single mating end 2nd contact grouping
2 single mating end 3rd contact grouping
2 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:

0.015 gold grains, troy and 0.035 silver grains, troy

Precious Material:

Gold and silver

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 environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Thread Series Designator:

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Specification Data:

96906-ms3106 government standard

Shelf Life:

N/a

Unit Of Measure: