

View Online at <https://aerobasegroup.com/nsn/5935-01-347-6415>

Thread Class:

2a and 2b

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, internal coupling

Overall Length:

2.500 inches

Overall Diameter:

2.219 inches

Environmental Protection:

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

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

32-1 single mating end

Contact Removability:

Removable all mating ends all contact groupings

Contact Maximum Current Rating In Amps:

41.0 all mating ends 1st contact grouping41.0 all mating ends 2nd contact grouping245.0 all mating ends 3rd contact grouping

Contact Maximum Ac Voltage Rating In Volts:

1250.0 all mating ends 1st contact grouping900.0 all mating ends 2nd contact grouping900.0 all mating ends 3rd contact grouping

Contact Maximum Dc Voltage Rating In Volts:

1750.0 all mating ends 1st contact grouping1250.0 all mating ends 2nd contact grouping1250.0 all mating ends 3rd contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded shell

Operating Temperature Rating:

Between -55.0 degrees celsius and 175.0 degrees celsius

Thready Qty Per Inch (tpi):

18 and 18

Thread Size:

2.000 inches and 2.000 inches

Terminal Location:

Back all mating ends all contact groupings

Contact Material:

Copper alloy all mating ends all contact groupings

Contact Surface Treatment:

Gold all mating ends all contact groupings and nickel all mating ends all contact groupings

Insert Material:

Rubber silicone class q single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 2, grade c, cl 1 military specification 1st treatment response all mating ends all contact groupings and qq-n-290, cl 2 federal specification 2nd treatment response all mating ends all contact groupings

Terminal Type:

Crimp all mating ends all contact groupings

Shell Material:

Iron 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 all mating ends 1st contact grouping 2 all mating ends 2nd contact grouping 2 all mating ends 3rd contact grouping

Included Contact Type:

Round pin all mating ends all contact groupings

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.025 gold grains, troy

Precious Material:

Gold

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:

Uns and uns

Specification Data:

96906-ms3456 government standard

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.