

View Online at <https://aerobasegroup.com/nsn/5935-01-038-9615>

Thread Class:

2a and 2b

Thread Pitch Diameters:

+0.125/+0.145 inches

Thread Direction:

Right-hand and left-hand

Body Style:

Straight shape, internal coupling

Overall Diameter:

3.563 inches

Environmental Protection:

Dripproof and fungus proof and salt water resistant and shock proof and thermal shock resistant and vibration resistant

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

16-24 single mating end

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end 3rd contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end single contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

255.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded coupling ring

Thready Qty Per Inch (tpi):

18 and 2

Thread Size:

2.594 inches and 3.000 inches

Terminal Location:

Back single mating end all contact groupings

Contact Material:

Copper alloy single mating end all contact groupings

Contact Surface Treatment:

Copper single mating end all contact groupings and silver single mating end all contact groupings

Insert Material:

Plastic diallyl phthalate single mating end

Terminal Type:

Solder well single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Oxide

Included Contact Quantity:

58 single mating end 3rd contact grouping

Precious Material And Location:

Contact surfaces silver

Precious Material And Weight:

0.066 silver grains, troy

Precious Material:

Silver

Thread Series Designator:

Uns and acme

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0