

View Online at <https://aerobasegroup.com/nsn/5935-00-643-9971>

Thread Class:

2b

Thread Pitch Diameters:

+0.020/+0.333 inches

Thread Direction:

Right-hand

Body Style:

Straight shape, internal coupling

Overall Length:

1.406 inches

Overall Height:

Between 2.547 inches and 2.578 inches

Overall Width:

Between 2.547 inches and 2.578 inches

Unthreaded Mounting Hole Diameter:

Between 0.164 inches and 0.174 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 2.026 inches and 2.036 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 2.026 inches and 2.036 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

1k-m24 single mating end

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

30.0 single mating end 1st contact grouping

Contact Maximum Ac Voltage Rating In Volts:

850.0 single mating end all contact groupings

Contact Maximum Dc Voltage Rating In Volts:

1425.0 single mating end all contact groupings

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded coupling nut

Thready Qty Per Inch (tpi):

6

Thread Size:

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

Insert Material:

Plastic single mating end

Terminal Type:

Solder well single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Included Contact Quantity:

4 single mating end 1st 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:

0.024 gold grains, troy and 0.024 silver grains, troy

Precious Material:

Gold and silver

Thread Series Designator:

Acme

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0