

View Online at <https://aerobasegroup.com/nsn/5935-00-431-4946>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling w/backshell

Overall Length:

2.500 inches

Overall Height:

Between 2.469 inches and 2.531 inches

Overall Width:

Between 2.469 inches and 2.531 inches

Environmental Protection:

Moisture proof and salt water resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.173 inches and 0.183 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.922 inches and 1.954 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.922 inches and 1.954 inches

Distance From Mounting Shoulder To Front Face:

Between 0.875 inches and 0.906 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

32-6 single mating end

Contact Removability:

Removable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

73.0 single mating end 3rd contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end all contact groupings

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.275 inches and 0.625 inches

Thread Qty Per Inch (tpi):

18 and 18

Thread Size:

2.000 inches and 2.000 inches

Terminal Location:

Back single mating end single contact grouping

Contact Surface Treatment:

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

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Included Contact Quantity:

3 single mating end 3rd 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:

0.051 gold grains, troy and 0.051 silver grains, troy

Precious Material:

Gold and silver

Thread Series Designator:

Uns and uns

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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