

View Online at <https://aerobasegroup.com/nsn/5935-01-258-7970>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape threaded

Overall Length:

40.8 millimeters

Overall Diameter:

76.2 millimeters

Environmental Protection:

Fuel resistant and shock resistant and vibration resistant and waterproof

Distance From Mounting Shoulder To Front Face:

35.2 millimeters

Mounting Facility Thickness:

Between 2.4 millimeters and 8.3 millimeters

Threaded Device Type:

Mounting bushing

Mating End Quantity:

1

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

41.0 single mating end 1st contact grouping

Contact Maximum Ac Voltage Rating In Volts:

200.0 single mating end all contact groupings

Contact Maximum Dc Voltage Rating In Volts:

250.0 single mating end all contact groupings

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Bayonet slot

Thready Qty Per Inch (tpi):

16

Thread Size:

2.500 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 and rhodium single mating end all contact groupings

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 2 federal specification all treatment responses

Included Contact Quantity:

52 single mating end 3rd contact grouping

Bushing Accommodation Hole Shape:

Round

Included Contact Type:

Round socket single mating end all contact groupings

Special Features:

Rfi/emi shield coil within receptacle shell

Precious Material And Location:

Contact surfaces gold and contact surfaces silver and contact surfaces rhodium

Precious Material And Weight:

0.088 gold grains, troy and 0.088 silver grains, troy and 0.088 rhodium grains, troy

Precious Material:

Gold and silver and rhodium

Thread Series Designator:

Un

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0