

View Online at <https://aerobasegroup.com/nsn/5935-00-993-3944>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, internal coupling

Overall Length:

1.600 inches

Overall Height:

Between 2.740 inches and 2.760 inches

Overall Width:

Between 2.740 inches and 2.760 inches

Unthreaded Mounting Hole Diameter:

Between 0.271 inches and 0.291 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 2.183 inches and 2.193 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 2.183 inches and 2.193 inches

Distance From Mounting Shoulder To Front Face:

Between 0.875 inches and 0.885 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

40-56 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

22.0 single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end single 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:

0.0

Shell Type:

Solid

Connector Locking Method:

Internally threaded coupling ring

Thread Length:

0.625 inches

Thready Qty Per Inch (tpi):

16

Thread Size:

2.500 inches

Terminal Location:

Back single mating end single contact grouping

Contact Surface Treatment:

Gold single mating end single contact grouping

Insert Material:

Rubber single mating end

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Alumina

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification single treatment response

Shell Material Specification:

Qq-a-591 or ams4150 federal specification single material response

Included Contact Quantity:

85 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.085 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Un

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0