

View Online at <https://aerobasegroup.com/nsn/5935-01-294-3673>

Thread Class:

2g

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

2.703 inches

Overall Height:

Between 1.719 inches and 1.770 inches

Overall Width:

Between 1.719 inches and 1.770 inches

Unthreaded Mounting Hole Diameter:

Between 0.166 inches and 0.176 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.370 inches and 1.380 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.370 inches and 1.380 inches

Distance From Mounting Shoulder To Front Face:

Between 1.000 inches and 1.010 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

12-311 single mating end

Contact Removability:

Removable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

41.0 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:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.912 inches

Thready Qty Per Inch (tpi):

8

Thread Size:

1.500 inches

Terminal Location:

Back single mating end single contact grouping

Contact Material:

Copper alloy single mating end single contact grouping

Contact Surface Treatment:

Gold single mating end single contact grouping and nickel single mating end single contact grouping

Insert Material:

Glass single mating end and plastic phenolic single mating end

Contact Surface Treatment Specification:

Mil-g-45204 military specification 1st treatment response single mating end single contact grouping

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum alloy 6061 or aluminum

Shell Surface Treatment:

Anodize

Shell Surface Treatment Specification:

Mil-a-8625, ty iii military specification single treatment response

Shell Material Specification:

Qq-a-270, t6 military specification 1st material response or qq-a-325, t6 federal specification 2nd material response

Insert Material Specification:

Mil-m-14 military specification 1st material response single mating end

Included Contact Quantity:

7 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:

0.035 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Special acme

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.