

View Online at <https://aerobasegroup.com/nsn/5935-01-247-1455>

Thread Class:

2g

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

2.703 inches

Overall Height:

Between 2.719 inches and 2.750 inches

Overall Width:

Between 2.719 inches and 2.750 inches

Environmental Protection:

Corrosion resistant and shock resistant and moisture resistant

Unthreaded Mounting Hole Diameter:

0.221 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

2.093 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

2.093 inches

Distance From Mounting Shoulder To Front Face:

1.005 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

20-334 single mating end

Contact Removability:

Removable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

50.0 single mating end 1st contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thready Qty Per Inch (tpi):

8

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

Insert Material:

Plastic phenolic single mating end

Contact Surface Treatment Specification:

Mil-g-45204 military specification 1st treatment response single mating end all contact groupings and qq-s-365 federal specification 2nd treatment response single mating end all contact groupings

Terminal Type:

Crimp single mating end all contact groupings

Shell Material:

Aluminum alloy 6061 or aluminum

Shell Surface Treatment:

Anodize

Shell Surface Treatment Specification:

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

Shell Material Specification:

Qq-a-270, t6 federal specification single material response or qq-a-325, 61s-t6 federal specification single material response

Insert Material Specification:

Mil-m-14, type mfh military specification single material response single mating end

Included Contact Quantity:

4 single mating end 1st contact grouping

Included Contact Type:

Round pin single mating end all contact groupings

Nuclear Hardness Critical Feature:

Hardened

Precious Material And Location:

Contact surfaces gold and contact surfaces silver

Precious Material And Weight:

0.056 gold grains, troy and 0.056 silver grains, troy

Precious Material:

Gold and silver

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.