

View Online at <https://aerobasegroup.com/nsn/5935-00-175-8503>

Thread Class:

2b

Thread Direction:

Right-hand

Body Style:

Straight shape

Overall Length:

Between 1.396 inches and 1.416 inches

Overall Height:

Between 3.115 inches and 3.135 inches

Overall Width:

Between 3.180 inches and 3.190 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.197 inches and 1.207 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 2.683 inches and 2.693 inches

Distance From Mounting Shoulder To Front Face:

Between 0.740 inches and 0.770 inches

Threaded Device Type:

Mounting hole

Mating End Quantity:

2

Contact Position Arrangement Style:

57 all mating ends

Contact Removability:

Removable all mating ends single contact grouping

Contact Maximum Current Rating In Amps:

7.5 all mating ends single contact grouping

Polarization Method:

3 polarization posts

Shell Type:

Solid

Thready Qty Per Inch (tpi):

32

Thread Size:

0.138 inches

Terminal Location:

Back all mating ends single contact grouping

Contact Material:

Copper alloy all mating ends single contact grouping

Contact Surface Treatment:

Gold all mating ends single contact grouping and copper all mating ends single contact grouping

Insert Material:

Plastic diallyl phthalate all mating ends

Terminal Type:

Crimp all mating ends single contact grouping

Guide Design And Location:

Hexagon shape male post left-hand at 7 oclock and hexagon shape male post center at 7 oclock and hexagon shape male post right-hand at 7 oclock

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

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

Insert Material Specification:

Mil-m-19833, type gdi-20-f military specification single material response all mating ends

Included Contact Type:

Round socket all mating ends single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.114 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Unc

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-m-19833 spec.