

View Online at <https://aerobasegroup.com/nsn/5935-01-123-6178>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape

Overall Length:

4.594 inches

Overall Height:

0.938 inches

Overall Width:

0.593 inches

Distance Between Mounting Facility Centers:

4.250 inches

Threaded Device Type:

Coupling facility and mounting stud

Mating End Quantity:

1

Contact Position Arrangement Style:

23 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

7.5 single mating end single contact grouping

Polarization Method:

Jackscrew

Shell Type:

Solid

Connector Locking Method:

Jackscrew-socket

Thready Qty Per Inch (tpi):

32 and 40

Thread Size:

0.138 inches and 0.112 inches

Terminal Location:

Side single mating end single contact grouping

Contact Material:

Copper alloy single mating end single contact grouping

Contact Surface Treatment:

Silver single mating end single contact grouping and gold single mating end single contact grouping

Insert Material:

Plastic diallyl phthalate single mating end

Terminal Type:

Pin single mating end single contact grouping

Shell Material:

Aluminum

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416 federal specification single treatment response

Shell Material Specification:

Qq-a-591 federal specification single material response

Insert Material Specification:

Mil-m-19833a, ty gdi-30 military specification single material response single mating end

Included Contact Quantity:

23 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Special Features:

Two side mounting holes 0.156 in. Dia

Precious Material And Location:

Contact surfaces silver and contact surfaces gold

Precious Material And Weight:

0.023 silver grains, troy and 0.023 gold grains, troy

Precious Material:

Silver and gold

Thread Series Designator:

Unc and unc

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-m-19833a spec.