

View Online at <https://aerobasegroup.com/nsn/5935-01-017-3697>

Thread Class:

2b

Thread Direction:

Right-hand

Body Style:

Straight shape

Overall Length:

1.582 inches

Overall Height:

2.641 inches

Overall Width:

1.745 inches

Environmental Protection:

Heat resistant and humidity resistant and salt water resistant and vibration resistant and shock resistant and pressure proof

Center To Center Distance Between Mounting Facilities Parallel To Height:

2.110 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.250 inches

Distance From Mounting Shoulder To Front Face:

Between 0.603 inches and 0.630 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

"94-525-48, 94-625-48" single mating end

Contact Removability:

Removable single mating end 3rd contact grouping

Contact Maximum Current Rating In Amps:

7.5 single mating end 3rd contact grouping

Contact Maximum Ac Voltage Rating In Volts:

750.0 single mating end 2nd contact grouping

Polarization Method:

Mating end

Shell Type:

Solid

Connector Locking Method:

Friction

Thready Qty Per Inch (tpi):

32

Thread Size:

0.138 inches

Terminal Location:

Back single mating end 3rd contact grouping

Contact Material:

Copper alloy single mating end 3rd contact grouping

Contact Surface Treatment:

Gold single mating end 2nd contact grouping

Insert Material:

Plastic diallyl phthalate single mating end

Contact Surface Treatment Specification:

Mil-g-45204 military specification single treatment response single mating end 3rd contact grouping

Terminal Type:

Crimp single mating end 3rd contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416, ty ii, class 2 federal specification all treatment responses

Shell Material Specification:

Qq-a-591 federal specification single material response

Insert Material Specification:

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

Included Contact Quantity:

6 single mating end 2nd contact grouping

Included Contact Type:

Round socket single mating end 3rd contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.027 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-g-45204 spec.