

View Online at <https://aerobasegroup.com/nsn/5935-01-321-8938>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

Between 2.950 inches and 2.990 inches

Overall Height:

Between 3.365 inches and 3.385 inches

Overall Width:

Between 3.365 inches and 3.385 inches

Environmental Protection:

Thermal shock resistant and moisture resistant and salt water resistant and shock resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.271 inches and 0.291 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 2.802 inches and 2.822 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 2.802 inches and 2.822 inches

Distance From Mounting Shoulder To Front Face:

Between 0.302 inches and 0.323 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

44-13 single mating end

Contact Removability:

Removable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

100.0 single mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

End Application:

5840-01-270-5100 radar set

Thread Length:

0.531 inches

Operating Temperature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thread Qty Per Inch (tpi):

10

Thread Size:

3.000 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

Insert Material:

Plastic single mating end

Contact Surface Treatment Specification:

Mil-g-45204, type 1, class 1 military specification single treatment response single mating end all contact groupings

Terminal Type:

Crimp single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate and nickel

Shell Surface Treatment Specification:

Qq-p-416, type ii federal specification 1st treatment response and qq-p-416, type ii federal specification 2nd treatment response and qq-n-290 federal specification 3rd treatment response

Included Contact Quantity:

4 single mating end 2nd contact grouping

Included Contact Type:

Round socket single mating end all contact groupings

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.040 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Double stub

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.