

View Online at <https://aerobasegroup.com/nsn/5935-00-940-7980>

Thread Class:

2a and 2a

Thread Direction:

Left-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

2.000 inches

Overall Height:

3.250 inches

Overall Width:

3.250 inches

Unthreaded Mounting Hole Diameter:

Between 0.276 inches and 0.287 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

2.530 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

2.530 inches

Distance From Mounting Shoulder To Front Face:

1.000 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end all contact groupings

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

22.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Radio Frequency Type Contact Characteristic Impedance In Ohms:

75.0 single mating end all contact groupings

Thread Length:

0.404 inches and 0.250 inches

Thready Qty Per Inch (tpi):

18

Thread Size:

2.594 inches and 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:

Silver single mating end all contact groupings

Insert Material:

Rubber single mating end

Contact Surface Treatment Specification:

Qq-s-365, grade a federal specification single treatment response single mating end all contact groupings

Terminal Type:

Solder well single mating end all contact groupings

Shell Material:

Aluminum alloy 6061

Shell Surface Treatment:

Anodize

Shell Surface Treatment Specification:

Mil-a-8825, type 2 military specification single treatment response

Shell Material Specification:

Qq-a-325 federal specification single material response

Included Contact Quantity:

4 single mating end 2nd contact grouping

Bushing Accommodation Hole Shape:

Round

Included Contact Type:

Round pin single mating end 1st contact grouping

Precious Material And Location:

Contact surfaces silver

Precious Material And Weight:

0.008 silver grains, troy

Precious Material:

Silver

Thread Series Designator:

Uns and acme

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-a-8825 spec.