

View Online at <https://aerobasegroup.com/nsn/5935-00-124-5100>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

Between 1.461 inches and 1.603 inches

Overall Height:

2.750 inches

Overall Width:

2.750 inches

Environmental Protection:

Salt water resistant and shock proof and vibration proof

Unthreaded Mounting Hole Diameter:

Between 0.207 inches and 0.213 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

2.188 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

2.188 inches

Distance From Mounting Shoulder To Front Face:

Between 0.875 inches and 0.891 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

40-81 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

22.0 single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

280.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.625 inches

Thready Qty Per Inch (tpi):

10

Thread Size:

2.500 inches

Terminal Location:

Back 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

Insert Material:

Plastic single mating end

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Oxide

Shell Surface Treatment Specification:

Mil-f-14072, e-516 military specification single treatment response

Included Contact Quantity:

62 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces silver

Precious Material And Weight:

0.062 silver grains, troy

Precious Material:

Silver

Thread Series Designator:

Double stub

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-f-14072 spec.