

View Online at <https://aerobasegroup.com/nsn/5935-01-087-8412>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape w/flange

Overall Length:

2.125 inches

Overall Height:

1.500 inches

Overall Width:

1.500 inches

Environmental Protection:

Waterproof and moisture proof and salt water resistant and vibration proof

Unthreaded Mounting Hole Diameter:

0.120 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

1.156 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.156 inches

Distance From Mounting Shoulder To Front Face:

0.985 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

2

Contact Position Arrangement Style:

20-27 all mating ends

Contact Removability:

Nonremovable all mating ends single contact grouping

Contact Maximum Current Rating In Amps:

22.0 all mating ends single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 all mating ends single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 all mating ends single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

35.0 and 325.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.625 inches

Thready Qty Per Inch (tpi):

10

Thread Size:

1.250 inches

Contact Material:

Copper alloy all mating ends single contact grouping

Contact Surface Treatment:

Copper all mating ends single contact grouping and gold all mating ends single contact grouping

Contact Surface Treatment Specification:

Mil-c-14550, cl 4 military specification 1st treatment response all mating ends single contact grouping and mil-g-45204, type 2, cl 2, grade c or d military specification 2nd treatment response all mating ends single contact grouping

Contact Material Specification:

Qq-b-750 federal specification single material response all mating ends single contact grouping

Shell Material:

Steel comp 302 or steel comp 303

Shell Surface Treatment:

Passivate

Shell Material Specification:

Qq-s-763 federal specification single material response or qq-s-764 federal specification single material response

Included Contact Quantity:

14 all mating ends single contact grouping

Included Contact Type:

Round socket 2nd mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.028 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Double stub

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-c-14550 spec.