

View Online at <https://aerobasegroup.com/nsn/5935-01-030-5687>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape w/flange

Overall Length:

2.125 inches

Overall Height:

1.375 inches

Overall Width:

1.375 inches

Environmental Protection:

Fuel resistant and oil resistant

Unthreaded Mounting Hole Diameter:

Between 0.118 inches and 0.124 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

1.062 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.062 inches

Distance From Mounting Shoulder To Front Face:

Between 0.975 inches and 0.985 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

2

Contact Position Arrangement Style:

18-8 all mating ends

Contact Removability:

Nonremovable 2nd mating end all contact groupings

Contact Maximum Current Rating In Amps:

41.0 2nd mating end 1st contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 2nd mating end all contact groupings

Contact Maximum Dc Voltage Rating In Volts:

700.0 2nd mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

70.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.625 inches

Thready Qty Per Inch (tpi):

18

Thread Size:

1.125 inches

Contact Surface Treatment:

Gold all mating ends all contact groupings

Insert Material:

Plastic diallyl phthalate all mating ends

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416, type 2, cl c federal specification single treatment response

Shell Material Specification:

Qq-a-591 federal specification single material response

Insert Material Specification:

Mil-m-14 military specification single material response all mating ends

Included Contact Quantity:

7 2nd mating end 2nd contact grouping

Included Contact Type:

Round socket 2nd mating end all contact groupings

Thread Series Designator:

Uns

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-m-14 spec.