

View Online at <https://aerobasegroup.com/nsn/5935-00-683-2133>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape w/flange

Overall Length:

Between 2.011 inches and 2.026 inches

Overall Height:

Between 2.219 inches and 2.281 inches

Overall Width:

Between 2.219 inches and 2.281 inches

Unthreaded Mounting Hole Diameter:

Between 0.168 inches and 0.178 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.745 inches and 1.755 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.745 inches and 1.755 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

2

Contact Position Arrangement Style:

32-7 all mating ends

Contact Removability:

Nonremovable all mating ends all contact groupings

Contact Maximum Current Rating In Amps:

23.0 2nd mating end 2nd contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 1st mating end 2nd contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 2nd mating end 3rd contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

280.0 and 80.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.625 inches

Thready Qty Per Inch (tpi):

18

Thread Size:

2.000 inches

Contact Material:

Copper alloy all mating ends all contact groupings

Contact Surface Treatment:

Gold all mating ends all contact groupings and silver all mating ends all contact groupings

Insert Material:

Rubber all mating ends

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Anodize

Shell Surface Treatment Specification:

Mil-a-8625, type 2 military specification single treatment response

Insert Material Specification:

Mil-r-3065 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

Precious Material And Location:

Contact surface gold and contact surface silver

Precious Material And Weight:

0.070 gold grains, troy and 0.070 silver grains, troy

Precious Material:

Gold and silver

Thread Series Designator:

Uns

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-r-3065 spec.