

View Online at <https://aerobasegroup.com/nsn/5935-00-996-2903>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

1.531 inches

Overall Height:

2.000 inches

Overall Width:

2.000 inches

Unthreaded Mounting Hole Diameter:

Between 0.145 inches and 0.151 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.557 inches and 1.567 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.557 inches and 1.567 inches

Distance From Mounting Shoulder To Front Face:

Between 0.813 inches and 0.822 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

28-1 single mating end

Contact Removability:

Removable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

46.0 single mating end 2nd contact grouping

Contact Maximum Ac Voltage Rating In Volts:

900.0 single mating end 1st contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end 4th contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

250.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.625 inches

Thready Qty Per Inch (tpi):

18

Thread Size:

1.750 inches

Terminal Location:

Back single mating end all contact groupings

Contact Material:

Copper alloy single mating end all contact groupings

Contact Surface Treatment:

Gold single mating end all contact groupings and silver single mating end all contact groupings

Insert Material:

Rubber single mating end

Terminal Type:

Crimp single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Included Contact Quantity:

4 single mating end 4th contact grouping

Included Contact Type:

Round pin single mating end all contact groupings

Precious Material And Location:

Contact surface gold and contact surface silver

Precious Material And Weight:

0.009 gold grains, troy and 0.009 silver grains, troy

Precious Material:

Gold and silver

Thread Series Designator:

Uns

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A039b0