

View Online at <https://aerobasegroup.com/nsn/5935-01-248-4963>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling strain relief

Overall Length:

5.374 inches

Overall Height:

2.250 inches

Overall Width:

2.250 inches

Environmental Protection:

Explosion proof and corrosion resistant and vibration resistant and shock resistant

Unthreaded Mounting Hole Diameter:

Between 0.171 inches and 0.177 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

1.750 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.750 inches

Cable Entrance Diameter:

1.250 inches

Distance From Mounting Shoulder To Front Face:

Between 0.875 inches and 0.885 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

32-8 single mating end

Contact Removability:

Removable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

23.0 single mating end 1st contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end all contact groupings

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end all contact groupings

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Connector Cable Strain Relief Method:

Cable clamp

Thread Length:

0.625 inches

Thread Qty Per Inch (tpi):

18

Thread Size:

2.000 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

Contact Surface Treatment Specification:

Mil-g-45204 military specification 1st treatment response single mating end all contact groupings and qq-s-365 federal specification 2nd treatment response single mating end all contact groupings

Terminal Type:

Crimp single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Included Contact Quantity:

6 single mating end 1st contact grouping

Included Contact Type:

Round pin single mating end all contact groupings

Precious Material And Weight:

0.030 gold grains, troy and 0.030 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

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.