

View Online at <https://aerobasegroup.com/nsn/5935-00-812-4289>

Thread Class:

2a

Thread Pitch Diameters:

+1.303/+1.312 inches

Thread Direction:

Right-hand

Body Style:

Angle shape, open back, external coupling, integral clamp

Overall Length:

1.900 inches

Overall Height:

Between 1.328 inches and 1.358 inches

Overall Width:

Between 1.328 inches and 1.358 inches

Environmental Protection:

Vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.115 inches and 0.125 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.047 inches and 1.077 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.047 inches and 1.077 inches

Cable Entrance Diameter:

0.656 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

21-30 single mating end

Contact Removability:

Removable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

7.5 single mating end all contact groupings

Contact Maximum Ac Voltage Rating In Volts:

2400.0 single mating end 1st contact grouping

Contact Maximum Dc Voltage Rating In Volts:

1250.0 single mating end 2nd contact grouping

Polarization Method:

Key, multiple key groove

Insert Position In Deg:

220.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Connector Cable Strain Relief Method:

Cable clamp

Thread Length:

0.375 inches

Thread Qty Per Inch (tpi):

6

Thread Size:

1.312 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:

Plastic polyamide 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:

3 single mating end 1st contact grouping

Included Contact Type:

Round socket single mating end all contact groupings

Precious Material And Location:

Contact surfaces gold and contact surface silver

Precious Material And Weight:

0.030 gold grains, troy and 0.030 silver grains, troy

Precious Material:

Gold and silver

Thread Series Designator:

Special acme

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0