

View Online at <https://aerobasegroup.com/nsn/5935-00-177-2003>

Body Style:

Straight shape, external coupling w/backshell

Overall Length:

Between 1.078 inches and 1.140 inches

Overall Height:

Between 1.423 inches and 1.453 inches

Overall Width:

Between 1.423 inches and 1.453 inches

Environmental Protection:

Pressure proof and moisture proof and 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 1.182 inches and 1.192 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.182 inches and 1.192 inches

Distance From Mounting Shoulder To Front Face:

Between 0.516 inches and 0.546 inches

Mating End Quantity:

1

Contact Position Arrangement Style:

37p single mating end

Contact Removability:

Removable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

7.5 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

25.0

Shell Type:

Solid

Connector Locking Method:

Spring friction

Terminal Location:

Back single mating end single contact grouping

Contact Material:

Copper alloy single mating end single contact grouping

Contact Surface Treatment:

Gold single mating end single contact grouping

Insert Material:

Plastic diallyl phthalate single mating end

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Insert Material Specification:

Mil-m-14, ty sdg military specification single material response single mating end

Included Contact Quantity:

37 single mating end single contact grouping

Included Contact Type:

Round pin single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.037 gold grains, troy

Precious Material:

Gold

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-m-14 spec.