

View Online at <https://aerobasegroup.com/nsn/5935-01-116-8390>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

37.3 millimeters

Overall Height:

Between 45.7 millimeters and 46.2 millimeters

Overall Width:

Between 45.7 millimeters and 46.2 millimeters

Environmental Protection:

Moisture proof and salt water resistant and vibration proof

Unthreaded Mounting Hole Diameter:

Between 3.7 millimeters and 4.0 millimeters

Center To Center Distance Between Mounting Facilities Parallel To Height:

38.1 millimeters

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

38.1 millimeters

Distance From Mounting Shoulder To Front Face:

Between 19.8 millimeters and 20.0 millimeters

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

24-35 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

5.0 single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

100.0 single mating end single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

100.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Size:

37.0 millimeters and 1.625 inches

Thread Pitch In Millimeters:

1.00

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 and silver single mating end single contact grouping

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Steel

Shell Surface Treatment:

Cadmium and chromate and nickel

Shell Material Specification:

Astma582 federal specification single material response

Thread Tolerance Class:

6g external

Included Contact Quantity:

128 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Special Features:

Contact designation 25-35

Precious Material And Location:

Contact surfaces gold and contact surfaces silver

Precious Material And Weight:

0.128 gold grains, troy and 0.128 silver grains, troy

Precious Material:

Gold and silver

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0