

View Online at <https://aerobasegroup.com/nsn/5935-01-038-3085>

Thread Class:

2a and 2a

Thread Pitch Diameters:

+1.981/+2.000 inches

Thread Direction:

Left-hand and right-hand

Body Style:

Straight shape, external coupling w/backshell

Overall Length:

2.010 inches

Overall Diameter:

Between 2.452 inches and 2.484 inches

Environmental Protection:

Humidity resistant and fungus resistant and shock resistant and vibration resistant

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

16-21 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

22.0 single mating end single contact grouping

Contact Maximum Ac Voltage Rating In Volts:

500.0 single mating end single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

700.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

165.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

1.005 inches

Thready Qty Per Inch (tpi):

18 and 8

Thread Size:

1.594 inches and 2.000 inches

Terminal Location:

Back single mating end single contact grouping

Contact Material:

Copper alloy single mating end single contact grouping

Contact Surface Treatment:

Silver single mating end single contact grouping and copper single mating end single contact grouping

Insert Material:

Rubber silicone class q single mating end

Terminal Type:

Solder well single mating end single contact grouping

Shell Material:

Aluminum alloy

Included Contact Quantity:

37 single mating end single contact grouping

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces silver

Precious Material And Weight:

0.037 silver grains, troy

Precious Material:

Silver

Thread Series Designator:

Uns and acme

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0