

View Online at <https://aerobasegroup.com/nsn/5935-00-982-7105>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling w/backshell

Overall Length:

2.688 inches

Overall Height:

Between 1.969 inches and 2.031 inches

Overall Width:

Between 1.969 inches and 2.031 inches

Unthreaded Mounting Hole Diameter:

Between 0.172 inches and 0.182 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.557 inches and 1.567 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.557 inches and 1.567 inches

Distance From Mounting Shoulder To Front Face:

Between 0.813 inches and 0.843 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

28-21 single mating end

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

22.0 single mating end all contact groupings

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:

Key, multiple key groove

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.375 inches and 0.625 inches

Thread Size:

1.438 inches and 1.500 inches

Terminal Location:

Back single mating end single contact grouping

Contact Material:

Nickel alloy single mating end 2nd contact grouping

Contact Surface Treatment:

Silver single mating end all contact groupings

Insert Material:

Glass fiber single mating end

Terminal Type:

Solder well single mating end all contact groupings

Shell Material:

Steel

Shell Surface Treatment:

Cadmium and chromate

Included Contact Quantity:

35 single mating end 3rd contact grouping

Included Contact Type:

Round pin single mating end all contact groupings

Precious Material And Location:

Contact surfaces silver

Precious Material And Weight:

0.037 silver grains, troy

Precious Material:

Silver

Thread Series Designator:

Unc and unc

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0