

View Online at <https://aerobasegroup.com/nsn/5935-00-009-8020>

Thread Class:

2a and 2a

Thread Direction:

Right-hand and right-hand

Body Style:

Straight shape, external coupling

Overall Length:

Between 2.189 inches and 2.249 inches

Overall Height:

Between 2.469 inches and 2.531 inches

Overall Width:

Between 2.469 inches and 2.531 inches

Environmental Protection:

Moisture resistant and vibration resistant and shock resistant

Unthreaded Mounting Hole Diameter:

Between 0.171 inches and 0.177 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 1.933 inches and 1.943 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.933 inches and 1.943 inches

Distance From Mounting Shoulder To Front Face:

Between 0.875 inches and 0.885 inches

Threaded Device Type:

Back shell and coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

36-60 single mating end

Contact Removability:

Nonremovable single mating end all contact groupings

Contact Maximum Current Rating In Amps:

23.0 single mating end 1st contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

30.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

Thread Length:

0.625 inches

Thready Qty Per Inch (tpi):

18 and 16

Thread Size:

2.000 inches and 2.250 inches

Terminal Location:

Back single mating end all contact groupings

Contact Material:

Copper alloy single mating end all contact groupings

Contact Surface Treatment:

Silver single mating end all contact groupings

Insert Material:

Rubber single mating end

Terminal Type:

Solder well single mating end all contact groupings

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416, type 2, cl 3 federal specification single treatment response

Insert Material Specification:

Mil-r-3065 military specification single material response single mating end

Included Contact Quantity:

7 single mating end 1st contact grouping

Included Contact Type:

Round pin single mating end all contact groupings

Precious Material And Location:

Contact surfaces silver

Precious Material And Weight:

0.047 silver grains, troy

Precious Material:

Silver

Thread Series Designator:

Uns and un

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-r-3065 spec.