

View Online at <https://aerobasegroup.com/nsn/5935-00-738-1993>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape

Overall Length:

1.680 inches

Overall Height:

3.953 inches

Overall Width:

3.390 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 0.995 inches and 1.005 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 2.870 inches and 2.880 inches

Distance From Mounting Shoulder To Front Face:

0.750 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

2

Contact Position Arrangement Style:

G20 2nd mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Current Rating In Amps:

80.0 1st mating end 1st contact grouping

Polarization Method:

2 polarization posts and polarization boss

Shell Type:

Solid

Connector Locking Method:

Screw

Thready Qty Per Inch (tpi):

12

Thread Size:

0.313 inches

Terminal Location:

Back all mating ends all contact groupings

Contact Material:

Copper alloy all mating ends all contact groupings

Contact Surface Treatment:

Gold all mating ends all contact groupings

Insert Material:

Plastic melamine all mating ends

Terminal Type:

Solder well all mating ends all contact groupings

Contact Material Specification:

Qq-b-626, comp 22, 1/2 h federal specification single material response all mating ends all contact groupings

Shell Material:

Aluminum alloy a380.0

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

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

Shell Material Specification:

Qq-a-591 alloy a380 federal specification single material response

Insert Material Specification:

Mil-m-1, type cmg military specification single material response all mating ends

Included Contact Type:

Round socket single mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.046 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Uns

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-m-1 spec.