

View Online at <https://aerobasegroup.com/nsn/5935-01-004-7625>

Thread Class:

2b

Thread Direction:

Right-hand

Body Style:

Straight shape, flush mount

Overall Length:

Between 0.944 inches and 0.964 inches

Overall Height:

3.110 inches

Overall Width:

2.000 inches

Environmental Protection:

Cold resistant and heat resistant

Unthreaded Mounting Hole Diameter:

0.120 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

2.783 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

0.719 inches

Distance From Mounting Shoulder To Front Face:

Between 0.756 inches and 0.776 inches

Threaded Device Type:

Mounting hole

Mating End Quantity:

2

Contact Position Arrangement Style:

57 all mating ends

Contact Removability:

Nonremovable all mating ends single contact grouping

Contact Maximum Current Rating In Amps:

7.5 all mating ends single contact grouping

Polarization Method:

3 polarization posts

Shell Type:

Solid

Connector Locking Method:

Friction

Thready Qty Per Inch (tpi):

40

Thread Size:

0.112 inches

Terminal Location:

Back all mating ends single contact grouping

Contact Material:

Copper alloy all mating ends single contact grouping

Contact Surface Treatment:

Gold all mating ends single contact grouping

Insert Material:

Plastic melamine all mating ends or plastic phenolic all mating ends

Contact Surface Treatment Specification:

Mil-g-45204 military specification single treatment response all mating ends single contact grouping

Terminal Type:

Solder well all mating ends single contact grouping

Contact Material Specification:

Qq-c-533 federal specification single material response all mating ends single contact grouping

Guide Design And Location:

Hexagon shape female post left-hand at 6 oclock

Shell Material:

Aluminum alloy 380.0

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416 federal specification all treatment responses

Shell Material Specification:

Qq-a-591 federal specification single material response

Insert Material Specification:

Mil-m-14 military specification all material responses all mating ends

Included Contact Type:

Round socket all mating ends single contact grouping

Special Features:

Includes tabs for attaching junction shells

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.057 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Unc

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.