

View Online at <https://aerobasegroup.com/nsn/5935-00-517-8801>

Body Style:

Straight shape

Overall Length:

2.324 inches

Overall Height:

Between 3.095 inches and 3.125 inches

Overall Width:

Between 1.985 inches and 2.015 inches

Environmental Protection:

Moisture resistant and corrosion resistant and vibration resistant and shock resistant

Unthreaded Mounting Hole Diameter:

0.112 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

Between 2.778 inches and 2.788 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

Between 1.432 inches and 1.442 inches

Distance From Mounting Shoulder To Front Face:

Between 0.751 inches and 0.781 inches

Mating End Quantity:

2

Contact Position Arrangement Style:

32 1st mating end

Contact Removability:

Removable all mating ends all contact groupings

Contact Maximum Current Rating In Amps:

7.5 1st mating end 3rd contact grouping

Contact Maximum Ac Voltage Rating In Volts:

375.0 2nd mating end single contact grouping

Polarization Method:

3 polarization posts and mating end

Shell Type:

Solid

Connector Locking Method:

Friction

Radio Frequency Type Contact Characteristic Impedance In Ohms:

50.0 1st mating end 1st contact grouping

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 and copper all mating ends all contact groupings

Insert Material:

Plastic polytetrafluoroethylene all mating ends and glass all mating ends

Contact Surface Treatment Specification:

Mil-g-45204, ty ii, cl 2 military specification 1st treatment response all mating ends all contact groupings and mil-c-14550 military specification 2nd treatment response all mating ends all contact groupings

Terminal Type:

Crimp single mating end single contact grouping

Contact Material Specification:

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

Guide Design And Location:

Hexagon shape male post left-hand at 7 oclock

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416, ty ii, cl 3 federal specification all treatment responses

Shell Material Specification:

Qq-a-591 federal specification single material response

Insert Material Specification:

Mil-p-19468, gdi-30f military specification all material responses all mating ends

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.138 gold grains, troy

Precious Material:

Gold

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.