

View Online at <https://aerobasegroup.com/nsn/5935-01-166-7970>

Body Style:

Straight shape, flush mount

Overall Length:

1.326 inches

Overall Height:

Between 3.000 inches and 3.090 inches

Overall Width:

Between 1.985 inches and 2.015 inches

Environmental Protection:

Humidity resistant and salt water resistant and shock resistant and thermal shock resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

Between 0.118 inches and 0.122 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 0.055 inches and 0.065 inches

Mating End Quantity:

2

Contact Position Arrangement Style:

8 1st mating end

Contact Removability:

Removable all mating ends all contact groupings

Contact Maximum Current Rating In Amps:

7.5 2nd mating end 2nd contact grouping

Polarization Method:

3 polarization posts

Shell Type:

Solid

Connector Locking Method:

Post jacksocket

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 diallyl phthalate all mating ends or plastic epoxy all mating ends or plastic phenolic all mating ends

Contact Surface Treatment Specification:

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

Terminal Type:

Crimp all mating ends all contact groupings

Guide Design And Location:

Hexagon shape female post left-hand at 12 oclock and hexagon shape female post center at 12 oclock and hexagon shape female post right-hand at 12 oclock

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416 federal specification 1st treatment response

Shell Material Specification:

Qq-a-591 federal specification single material response or qq-a-367 federal specification single material response or qq-a-250 federal specification single material response

Insert Material Specification:

Mil-m-14 military specification single material response all mating ends or 1288 bx mfr ref single material response all mating ends

Included Contact Type:

Round pin all mating ends all contact groupings

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.075 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.