

View Online at <https://aerobasegroup.com/nsn/5935-01-339-6575>

Body Style:

Straight shape

Overall Length:

1.800 inches

Overall Height:

Between 3.095 inches and 3.125 inches

Overall Width:

Between 1.985 inches and 2.015 inches

Environmental Protection:

Corrosion resistant and humidity resistant and salt water resistant and shock resistant and thermal shock resistant and vibration resistant

Unthreaded Mounting Hole Diameter:

0.118 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

2.783 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.437 inches

Distance From Mounting Shoulder To Front Face:

Between 0.758 inches and 0.764 inches

Mating End Quantity:

2

Contact Position Arrangement Style:

"106, a106" 2nd mating end

Contact Removability:

Removable 1st mating end 2nd contact groupingremovable 2nd mating end single contact grouping

Polarization Method:

3 polarization posts

Shell Type:

Solid

Connector Locking Method:

Friction

Operating Temperature Rating:

Between -65.0 degrees celsius and 125.0 degrees celsius

Terminal Location:

Back 1st mating end 2nd contact groupingback 2nd mating end single contact grouping

Contact Material:

Copper alloy 1st mating end 2nd contact groupingcopper alloy 2nd mating end single contact grouping

Contact Surface Treatment:

Gold 1st mating end 2nd contact groupinggold 2nd mating end single contact grouping

Insert Material:

Plastic diallyl phthalate glass filled all mating ends or plastic epoxy all mating ends or plastic phenolic all mating ends

Contact Surface Treatment Specification:

Mil-g-45204, type 2, grade c, class 1 military specification single treatment response 1st mating end 2nd contact groupingmil-g-45204, type 2, grade c, class 1 military specification single treatment response 2nd mating end single contact grouping

Terminal Type:

Crimp 1st mating end 2nd contact grouping crimp 2nd mating end single contact grouping

Guide Design And Location:

Hexagon shape male post right-hand at 1 o'clock hexagon shape male post center at 5 o'clock hexagon shape male post left-hand at 7 o'clock

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

Qq-p-416, type 2 federal specification all treatment responses

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, type gdi-30f or sgd-f military specification 1st material response all mating ends or allied chemical 1288 bx mfr ref 2nd material response all mating ends or mil-m-14 military specification 3rd material response all mating ends

Included Contact Quantity:

29 1st mating end 2nd contact grouping 106 2nd mating end single contact grouping

Included Contact Type:

Round pin 1st mating end 2nd contact grouping ground pin 2nd mating end single contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.135 gold grains, troy

Precious Material:

Gold

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A039b0

Mil-std (military Standard):

Mil-g-45204 spec.