

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:**

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**Demilitarization:**

No

**Fig:**

A039b0

**Mil-std (military Standard):**

Mil-g-45204 spec.