

View Online at <https://aerobasegroup.com/nsn/5935-01-137-6171>

**Body Style:**

Straight shape, pc type

**Overall Length:**

Between 3.188 inches and 3.218 inches

**Overall Height:**

Between 0.645 inches and 0.675 inches

**Overall Width:**

Between 0.325 inches and 0.345 inches

**Environmental Protection:**

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

**Unthreaded Mounting Hole Diameter:**

Between 0.110 inches and 0.140 inches

**Distance Between Mounting Facility Centers:**

Between 2.931 inches and 2.945 inches

**Board Accommodated Length:**

2.498 inches single board and 2.510 inches single board

**Board Accommodated Width:**

Between 0.054 inches and 0.071 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Bridged contacts inserted board single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 single mating end single contact grouping

**Contact Maximum Ac Voltage Rating In Volts:**

550.0 single mating end single contact grouping

**Polarization Method:**

Fixed contact to contact

**Connector Locking Method:**

Spring friction

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 125.0 degrees celsius

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping and copper single mating end single contact grouping or gold single mating end single contact grouping and nickel single mating end single contact grouping

**Insert Material:**

Plastic diallyl phthalate glass filled single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, class 1 military specification 1st treatment response single mating end single contact grouping and mil-g-45204, type 1, grade a military specification 1st treatment response single mating end single contact grouping and mil-c-14550, class 4 military specification 2nd treatment response single mating end single contact grouping or mil-g-45204, type 2, class 1 military specification 3rd treatment response single mating end single contact grouping and mil-g-45204, type 1, grade a military specification 3rd treatment response single mating end single contact grouping and qq-n-290, class 2 federal specification 4th treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Contact Material Specification:**

Astm b103 assn standard single material response single mating end single contact grouping

**Insert Material Specification:**

Mil-p-19833, type gdi-30f military specification single material response single mating end

**Included Contact Quantity:**

13 single mating end single contact grouping

**Included Contact Type:**

Bifurcated accordian leaf spring single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.013 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.