

View Online at <https://aerobasegroup.com/nsn/5935-00-951-8053>

**Thread Class:**

2a and 2b and 2a

**Thread Direction:**

Right-hand and right-hand and right-hand

**Body Style:**

Rectangular shape

**Overall Length:**

2.070 inches

**Center To Center Distance Between Mounting Facilities Parallel To Length:**

1.812 inches

**Overall Height:**

Between 0.521 inches and 0.680 inches

**Overall Width:**

0.730 inches

**Environmental Protection:**

Humidity resistant and shock resistant and thermal shock resistant

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

0.562 inches

**Threaded Device Type:**

Coupling facility and mounting stud

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

75 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

**Polarization Method:**

Guide pin/socket

**Connector Locking Method:**

Jackscrew-socket

**Thready Qty Per Inch (tpi):**

56 and 56 and 56

**Thread Size:**

0.086 inches and 0.086 inches and 0.086 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy 360 single mating end single contact grouping

**Contact Surface Treatment:**

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

**Insert Material:**

Plastic diallyl phthalate single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, ty i, grade c, cl 1 military specification 1st treatment response single mating end single contact grouping and mil-std-171 military standard 2nd treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Contact Material Specification:**

Qq-b-626, 1/2 h federal specification single material response single mating end single contact grouping

**Insert Material Specification:**

Mil-m-19833, ty gdi-30f military specification single material response single mating end or mil-m-14, ty sgd-f military specification single material response single mating end

**Unable To Decode:**

Unable to decode and unable to decode

**Included Contact Quantity:**

75 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.075 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unc and unc and unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.