

View Online at <https://aerobasegroup.com/nsn/5935-01-175-1592>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Right angle type

**Overall Length:**

Between 2.095 inches and 2.105 inches

**Overall Height:**

Between 0.558 inches and 0.598 inches

**Overall Width:**

Between 0.495 inches and 0.525 inches

**Distance Between Mounting Facility Centers:**

Between 1.795 inches and 1.805 inches

**Threaded Device Type:**

Mounting stud

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

2 rows of contacts non-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:**

500.0 single mating end single contact grouping

**Polarization Method:**

Guide pin/socket

**Shell Type:**

Solid

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

40

**Thread Size:**

0.112 inches

**Terminal Location:**

Side 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

**Insert Material:**

Plastic diallyl phthalate single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, cl 1 military specification 1st treatment response single mating end single contact grouping

**Terminal Type:**

Tapered pin single mating end single contact grouping

**Contact Material Specification:**

Qq-b-750 federal specification single material response single mating end single contact grouping

**Shell Material:**

Aluminum

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

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

**Shell Material Specification:**

Qq-a-591 federal specification single material response

**Insert Material Specification:**

Mil-m-14, ty sdi-5 military specification single material response single mating end

**Included Contact Quantity:**

15 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:**

0.015 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.