

View Online at <https://aerobasegroup.com/nsn/5935-01-295-4509>

**Thread Class:**

2a and 2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight type

**Overall Length:**

Between 2.345 inches and 2.355 inches

**Overall Height:**

0.657 inches

**Overall Width:**

Between 0.245 inches and 0.255 inches

**Environmental Protection:**

Humidity resistant and shock resistant and vibration resistant and corrosion resistant and fungus resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.115 inches and 0.125 inches

**Distance Between Mounting Facility Centers:**

Between 2.095 inches and 2.105 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

2 rows of contacts non-inserted board single mating end

**Contact Removability:**

Nonremovable single mating end 1st contact grouping

**Contact Maximum Current Rating In Amps:**

5.0 single mating end 1st contact grouping

**Polarization Method:**

Jackscrew

**Connector Locking Method:**

Jackscrew-socket

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

56

**Thread Size:**

0.086 inches

**Terminal Location:**

Back single mating end 1st contact grouping

**Contact Material:**

Copper alloy single mating end 1st contact grouping

**Contact Surface Treatment:**

Gold single mating end 1st contact grouping and nickel single mating end 1st contact grouping

**Insert Material:**

Plastic diallyl phthalate single mating end and glass fiber single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, gr c military specification 1st treatment response single mating end 1st contact grouping and qq-n-290, cl 2 federal specification 2nd treatment response single mating end 1st contact grouping

**Criticality Code Justification:**

Feat

**Terminal Type:**

Pin single mating end 1st contact grouping

**Contact Material Specification:**

Qq-c-530 federal specification single material response single mating end 1st contact grouping

**Insert Material Specification:**

Mil-m-14 military specification all material responses single mating end or mil-m-24519, ty gpt-30f military specification all material responses single mating end or mil-p-46174, cl 40, gr e military specification all material responses single mating end

**Unable To Decode:**

Unable to decode and unable to decode

**Included Contact Quantity:**

29 single mating end 1st contact grouping

**Included Contact Type:**

Round pin single mating end 1st contact grouping

**Special Features:**

Contact position 23 is omitted

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.029 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unc

**Specification Data:**

90536-7915666 manufacturers source control

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.