

View Online at <https://aerobasegroup.com/nsn/5935-01-305-2948>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, rectangular

**Overall Length:**

Between 1.570 inches and 1.610 inches

**Overall Height:**

Between 1.340 inches and 1.360 inches

**Overall Width:**

Between 2.865 inches and 2.885 inches

**Environmental Protection:**

Heat resistant

**Unthreaded Mounting Hole Diameter:**

0.149 inches

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

Between 0.802 inches and 0.822 inches

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

Between 2.490 inches and 2.510 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

104 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

13.0 single mating end single contact grouping

**Polarization Method:**

Polarization boss

**Connector Locking Method:**

Post jacksocket

**Operating Temperature Rating:**

Between -54.0 degrees celsius and 125.0 degrees celsius

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

28

**Thread Size:**

0.250 inches

**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

**Insert Material:**

Plastic diallyl phthalate single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, grade c or d class military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Contact Material Specification:**

Qq-b-626 federal specification single material response single mating end single contact grouping

**Insert Material Specification:**

Mil-m-14, ty sdg-f military specification single material response single mating end

**Included Contact Quantity:**

104 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.104 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.