

View Online at <https://aerobasegroup.com/nsn/5935-01-186-0160>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Rectangular shape center screwlock

**Overall Length:**

Between 2.775 inches and 2.805 inches

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

2.740 inches

**Overall Height:**

Between 0.873 inches and 0.923 inches

**Overall Width:**

Between 0.887 inches and 0.917 inches

**Environmental Protection:**

Corrosion resistant and humidity resistant and shock proof and vibration proof

**Unthreaded Mounting Hole Diameter:**

Between 0.120 inches and 0.130 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

132 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Contact

**Connector Locking Method:**

Screw

**Thread Length:**

0.280 inches

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

32

**Thread Size:**

0.138 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 polyester single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, ty ii grade b or c military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Insert Material Specification:**

Mil-m-24519, type gbt-30f military specification single material response single mating end

**Included Contact Quantity:**

132 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:**

0.132 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-28804 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unc

**Specification Data:**

81349-mil-c-28804/2 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A039b0

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

Mil-g-45204 spec.