

View Online at <https://aerobasegroup.com/nsn/5935-01-186-0155>

**Thread Class:**

2b and 2b

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, rectangular

**Overall Length:**

0.810 inches

**Overall Height:**

0.725 inches

**Overall Width:**

1.945 inches

**Environmental Protection:**

Humidity resistant and vibration resistant and shock resistant and salt water resistant

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

0.450 inches

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

1.625 inches

**Threaded Device Type:**

Coupling facility and mounting hole

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

38 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Polarization Method:**

Polarization boss

**Connector Locking Method:**

Post jacksocket

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

32 and 56

**Thread Size:**

0.138 inches and 0.086 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold and copper 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, cl 1 military specification 1st treatment response and mil-c-14550 cl 4 military specification 2nd treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Insert Material Specification:**

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

**Included Contact Quantity:**

38 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Special Features:**

Two threaded holes countersunk 0.135 in. Deep

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.038 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-dtl-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 and unc

**Specification Data:**

81349-mil-dtl-28804/7 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.