

View Online at <https://aerobasegroup.com/nsn/5935-01-470-0798>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, rectangular

**Overall Length:**

Between 0.913 inches and 0.933 inches

**Overall Height:**

Between 1.340 inches and 1.360 inches

**Overall Width:**

Between 2.410 inches and 2.430 inches

**Environmental Protection:**

Humidity resistant and shock resistant and thermal shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.143 inches and 0.155 inches

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

Between 2.040 inches and 2.050 inches

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

Between 0.807 inches and 0.817 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

80 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

**Shell Type:**

Solid

**Connector Locking Method:**

Post jacksocket

**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 and glass fiber single mating end

**Contact Surface Treatment Specification:**

Mil-g-45202, type 2, gr c, cl 1 military specification single treatment response single mating end single contact grouping

**Crimping Tool Identifying Number:**

81349-pnm22520/1-01

**Terminal Type:**

Crimp single mating end single contact grouping

**Contact Material Specification:**

Qq-c-530 federal specification single material response single mating end single contact grouping or qq-c-533 federal specification single material response single mating end single contact grouping

**Shell Material:**

Aluminum alloy or stainless steel

**Shell Material Specification:**

Qq-a-250/8, temper h-32 federal specification single material response or astm a582, series 300 assn standard single material response

**Insert Material Specification:**

Mil-m-14, ty sdg-f military specification all material responses single mating end or mil-p-19833, ty gdi-30f military specification all material responses single mating end

**Included Contact Quantity:**

80 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Special Features:**

Size 16-16 contacts, 100 percent fill

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.080 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-28748 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:**

Unf

**Specification Data:**

81349-mil-c-28748/10 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

**Fig:**

A039b0

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

Mil-g-45202 spec.