

View Online at <https://aerobasegroup.com/nsn/5935-00-211-1934>

**Thread Class:**

2a

**Thread Direction:**

Left-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.638 inches

**Overall Height:**

Between 2.980 inches and 3.021 inches

**Overall Width:**

Between 2.980 inches and 3.021 inches

**Environmental Protection:**

Moisture resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.204 inches and 0.214 inches

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

Between 2.172 inches and 2.204 inches

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

Between 2.172 inches and 2.204 inches

**Distance From Mounting Shoulder To Front Face:**

Between 0.912 inches and 0.922 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

36-10 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

22.0 single mating end single contact grouping

**Contact Maximum Ac Voltage Rating In Volts:**

500.0 single mating end single contact grouping

**Contact Maximum Dc Voltage Rating In Volts:**

700.0 single mating end single contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

280.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.672 inches

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

10

**Thread Size:**

2.750 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:**

Rubber single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, class 1 military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and nickel

**Shell Surface Treatment Specification:**

Qq-p-416, type ii federal specification 1st treatment response and qq-n-290 federal specification 2nd treatment response and mil-c-26074 military specification 2nd treatment response

**Included Contact Quantity:**

48 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surface gold

**Precious Material And Weight:**

0.048 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-22992 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:**

Double stub

**Specification Data:**

96906-ms17346 government standard

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.