

View Online at <https://aerobasegroup.com/nsn/5935-01-281-1561>

**Thread Class:**

2a and 2b

**Thread Direction:**

Left-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

Between 2.006 inches and 2.026 inches

**Overall Height:**

Between 2.740 inches and 2.760 inches

**Overall Width:**

Between 2.740 inches and 2.760 inches

**Environmental Protection:**

Cold resistant and heat resistant and humidity resistant and shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.209 inches and 0.229 inches

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

Between 2.084 inches and 2.104 inches

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

Between 2.084 inches and 2.104 inches

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

Between 0.990 inches and 1.010 inches

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

20-13 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:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded coupling ring

**End Application:**

4935-00-930-7250 test station, guided missile system

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

28 and 10

**Thread Size:**

2.094 inches and 2.500 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 silicone single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type ii, 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 6061

**Shell Surface Treatment:**

Anodize

**Shell Surface Treatment Specification:**

Mil-a-8625, type iii military specification single treatment response

**Shell Material Specification:**

Qq-a-200/8, temper t6 federal specification single material response

**Included Contact Quantity:**

68 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:**

0.068 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Npt and special acme

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.