

View Online at <https://aerobasegroup.com/nsn/5935-00-517-7721>

**Thread Class:**

2a and 2b

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.430 inches

**Overall Height:**

Between 1.245 inches and 1.255 inches

**Overall Width:**

Between 1.245 inches and 1.255 inches

**Environmental Protection:**

Moisture proof and salt water resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.116 inches and 0.125 inches

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

Between 0.964 inches and 0.974 inches

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

Between 0.964 inches and 0.974 inches

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

Between 0.708 inches and 0.728 inches

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

16-24 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

342.0 and 211.0 and 168.0 and 101.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.281 inches and 0.290 inches

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

18

**Thread Size:**

1.000 inches and 1.062 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 single mating end

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy 6061

**Shell Surface Treatment:**

Anodize

**Shell Surface Treatment Specification:**

Mil-a-8625 military specification single treatment response

**Shell Material Specification:**

Qq-a-367, comp 6061 federal specification single material response

**Included Contact Quantity:**

24 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:**

0.024 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unef and uns

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-a-8625 spec.