

View Online at <https://aerobasegroup.com/nsn/5935-00-763-8462>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape w/flange

**Overall Length:**

Between 1.850 inches and 1.910 inches

**Overall Height:**

Between 1.220 inches and 1.280 inches

**Overall Width:**

Between 1.220 inches and 1.280 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.125 inches and 0.157 inches

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

Between 0.859 inches and 0.891 inches

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

Between 0.859 inches and 0.891 inches

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

Between 0.850 inches and 0.910 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

Nonstd all mating ends

**Contact Removability:**

Nonremovable all mating ends single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.470 inches

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

20

**Thread Size:**

0.500 inches

**Contact Material:**

Copper alloy all mating ends single contact grouping

**Contact Surface Treatment:**

Tin all mating ends single contact grouping

**Contact Surface Treatment Specification:**

Qq-z-325, type 1, class 2 federal specification single treatment response all mating ends single contact grouping

**Shell Material:**

Copper alloy

**Shell Surface Treatment:**

Tin

**Shell Surface Treatment Specification:**

Mil-t-10727, type 1 military specification single treatment response

**Included Contact Quantity:**

2 all mating ends single contact grouping

**Included Contact Type:**

Coaxial socket all mating ends single contact grouping

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-t-10727 spec.