

View Online at <https://aerobasegroup.com/nsn/5935-00-763-8030>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

Between 1.790 inches and 1.830 inches

**Bushing Diameter:**

Between 0.480 inches and 0.520 inches

**Overall Height:**

Between 1.230 inches and 1.270 inches

**Overall Width:**

Between 1.230 inches and 1.270 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.136 inches and 0.146 inches

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

Between 0.870 inches and 0.880 inches

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

Between 0.870 inches and 0.880 inches

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

0.870 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Nonstd single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.360 inches and 0.400 inches

**Thread Size:**

0.500 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Tin single mating end single contact grouping

**Contact Surface Treatment Specification:**

Mil-7-10727, type 2, military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Tab, solder lug single mating end single contact grouping

**Contact Material Specification:**

Qq-c-530, comp ht federal specification single material response single mating end single contact grouping

**Shell Material:**

Nickel alloy

**Shell Surface Treatment:**

Tin

**Shell Surface Treatment Specification:**

Mil-t-10727, type 2 military specification single treatment response

**Included Contact Quantity:**

1 single mating end single contact grouping

**Included Contact Type:**

Coaxial pin single mating end 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-7-10727 spec.