

View Online at <https://aerobasegroup.com/nsn/5935-00-683-2133>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape w/flange

**Overall Length:**

Between 2.011 inches and 2.026 inches

**Overall Height:**

Between 2.219 inches and 2.281 inches

**Overall Width:**

Between 2.219 inches and 2.281 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.168 inches and 0.178 inches

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

Between 1.745 inches and 1.755 inches

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

Between 1.745 inches and 1.755 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

32-7 all mating ends

**Contact Removability:**

Nonremovable all mating ends all contact groupings

**Contact Maximum Current Rating In Amps:**

23.0 2nd mating end 2nd contact grouping

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

500.0 1st mating end 2nd contact grouping

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

700.0 2nd mating end 3rd contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

280.0 and 80.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.625 inches

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

18

**Thread Size:**

2.000 inches

**Contact Material:**

Copper alloy all mating ends all contact groupings

**Contact Surface Treatment:**

Gold all mating ends all contact groupings and silver all mating ends all contact groupings

**Insert Material:**

Rubber all mating ends

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Anodize

**Shell Surface Treatment Specification:**

Mil-a-8625, type 2 military specification single treatment response

**Insert Material Specification:**

Mil-r-3065 military specification single material response all mating ends

**Included Contact Quantity:**

7 2nd mating end 2nd contact grouping

**Included Contact Type:**

Round socket 2nd mating end all contact groupings

**Precious Material And Location:**

Contact surface gold and contact surface silver

**Precious Material And Weight:**

0.070 gold grains, troy and 0.070 silver grains, troy

**Precious Material:**

Gold and silver

**Thread Series Designator:**

Uns

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-r-3065 spec.