

View Online at <https://aerobasegroup.com/nsn/5935-01-039-2527>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape w/flange

**Overall Length:**

2.125 inches

**Overall Height:**

2.000 inches

**Overall Width:**

2.000 inches

**Environmental Protection:**

Fuel resistant and oil resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.145 inches and 0.151 inches

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

1.562 inches

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

1.562 inches

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

Between 0.975 inches and 0.985 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

28-21 all mating ends

**Contact Removability:**

Nonremovable 2nd mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

22.0 2nd mating end all contact groupings

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

500.0 2nd mating end all contact groupings

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

700.0 2nd mating end all contact groupings

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

80.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.625 inches

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

18

**Thread Size:**

1.750 inches

**Contact Surface Treatment:**

Gold all mating ends all contact groupings

**Insert Material:**

Plastic diallyl phthalate all mating ends

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl c federal specification single treatment response

**Shell Material Specification:**

Qq-a-591 federal specification single material response

**Insert Material Specification:**

Mil-m-14 military specification single material response all mating ends

**Included Contact Quantity:**

37 2nd mating end all contact groupings

**Included Contact Type:**

Round socket 2nd mating end all contact groupings

**Thread Series Designator:**

Uns

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-m-14 spec.