

View Online at <https://aerobasegroup.com/nsn/5935-01-168-3028>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight edge type w/mounting flange

**Overall Length:**

4.360 inches

**Overall Height:**

0.714 inches

**Overall Width:**

0.350 inches

**Environmental Protection:**

Humidity resistant and shock resistant and thermal shock resistant and vibration resistant

**Distance Between Mounting Facility Centers:**

4.032 inches

**Board Accommodated Length:**

3.584 inches single board

**Threaded Device Type:**

Coupling facility

**Board Accommodated Width:**

0.074 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Bridged contacts inserted board single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

5.0 single mating end single contact grouping

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

600.0 single mating end single contact grouping

**Polarization Method:**

Mating end

**Connector Locking Method:**

Friction

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

40

**Thread Size:**

0.112 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 and copper alloy single mating end single contact grouping

**Insert Material:**

Plastic diallyl phthalate single mating end

**Contact Surface Treatment Specification:**

Mil-c-21097 military specification all treatment responses single mating end single contact grouping

**Terminal Type:**

Tab, solder lug single mating end single contact grouping

**Insert Material Specification:**

Mil-14 ty sdg-f military specification single material response single mating end

**Included Contact Quantity:**

40 single mating end single contact grouping

**Included Contact Type:**

Leaf spring single mating end single contact grouping

**Special Features:**

Furnished items - polarizing key

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.040 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-c-21097 spec.