

View Online at <https://aerobasegroup.com/nsn/5935-00-949-1130>

**Thread Class:**

2b and 2a

**Thread Direction:**

Right-hand

**Overall Length:**

1.812 inches

**Overall Height:**

0.531 inches

**Overall Width:**

0.500 inches

**Environmental Protection:**

Vibration resistant

**Distance Between Mounting Facility Centers:**

1.562 inches

**Threaded Device Type:**

Mounting hole and mounting stud

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

42 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 single mating end single contact grouping

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

1462.5 single mating end single contact grouping

**Polarization Method:**

Guide pin/socket

**Connector Locking Method:**

Jackscrew-socket

**Thread Length:**

0.125 inches and 0.188 inches

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

56 and 56

**Thread Size:**

0.086 inches and 0.086 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 silver single mating end single contact grouping

**Insert Material:**

Plastic diallyl phthalate single mating end

**Terminal Type:**

Solder well single mating end single contact grouping

**Insert Material Specification:**

Mil-m-19833, ty gdi-30f military specification single material response single mating end

**Included Contact Quantity:**

42 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold and contact surface silver

**Precious Material And Weight:**

0.042 gold grains, troy and 0.042 silver grains, troy

**Precious Material:**

Gold and silver

**Thread Series Designator:**

Unc and unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-m-19833 spec.