

View Online at <https://aerobasegroup.com/nsn/5935-01-342-6661>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

5.315 inches

**Overall Height:**

0.350 inches

**Overall Width:**

Between 0.670 inches and 0.675 inches

**Environmental Protection:**

Humidity resistant and salt water resistant and thermal shock resistant and vibration resistant

**Distance Between Mounting Facility Centers:**

5.150 inches

**Threaded Device Type:**

Mounting hole

**Mating End Quantity:**

1

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

1.7 single mating end single contact grouping

**Polarization Method:**

Mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Thread Length:**

0.080 inches

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 105.0 degrees celsius

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

56

**Thread Size:**

0.086 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy 260 single mating end single contact grouping or copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping and nickel single mating end single contact grouping

**Insert Material:**

Plastic polyamide single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, grade c, cl 1 military specification 1st treatment response single mating end single contact grouping and qq-n-290, cl 1 federal specification 2nd treatment response single mating end single contact grouping

**Terminal Type:**

Tab, solder lug single mating end single contact grouping

**Contact Material Specification:**

Qq-b-613, 1/2 hard federal specification 1st material response single mating end single contact grouping or qq-c-533 federal specification 2nd material response single mating end single contact grouping

**Shell Material:**

Aluminum alloy 6061

**Shell Surface Treatment:**

Anodize

**Shell Surface Treatment Specification:**

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

**Shell Material Specification:**

Qq-a-200/8 federal specification single material response

**Insert Material Specification:**

Astm-d4066-82 group 1, cl 2, grade 1 assn standard single material response single mating end

**Included Contact Quantity:**

276 single mating end single contact grouping

**Included Contact Type:**

Flat pin single mating end single contact grouping

**Special Features:**

6 rows of contacts

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.276 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-std-15000