

View Online at <https://aerobasegroup.com/nsn/5935-01-159-5531>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape w/jackscrew

**Overall Length:**

2.718 inches

**Overall Height:**

4.062 inches

**Overall Width:**

1.234 inches

**Environmental Protection:**

Cold resistant and heat resistant and thermal shock resistant and vibration resistant and humidity resistant and salt water resistant

**Unthreaded Mounting Hole Diameter:**

0.125 inches

**Distance Between Mounting Facility Centers:**

2.282 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

90 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

8.5 single mating end single contact grouping

**Polarization Method:**

Guide pin/socket and mating end

**Shell Type:**

Solid

**Connector Locking Method:**

Jackscrew

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

24

**Thread Size:**

0.190 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 nickel single mating end single contact grouping

**Insert Material:**

Plastic diallyl phthalate single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp single mating end single contact grouping

**Contact Material Specification:**

Qq-b-750 federal specification single material response single mating end single contact grouping

**Shell Material:**

Aluminum alloy or stainless steel

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Mil-f-14072 ty -225 military specification all treatment responses

**Shell Material Specification:**

Qq-a-591 comp 13 federal specification 1st material response

**Insert Material Specification:**

Mil-m-14 ty sdg-f or ty gdi-3of military specification single material response single mating end

**Unable To Decode:**

Unable to decode and unable to decode

**Included Contact Quantity:**

90 single mating end single contact grouping

**Included Contact Type:**

Hermaphrodite single mating end single contact grouping

**Special Features:**

Adjustable polarizing pin has keying slug attached

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.090 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-28731 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unc

**Specification Data:**

81349-mil-c-28731/15 government specification

**Shelf Life:**

N/a

**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.