

View Online at <https://aerobasegroup.com/nsn/5935-01-283-8130>

**Thread Class:**

2a and 2b and 2a

**Thread Direction:**

Right-hand and right-hand and right-hand

**Body Style:**

Rectangular shape

**Overall Length:**

Between 3.859 inches and 3.891 inches

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

Between 2.370 inches and 2.380 inches

**Overall Height:**

0.966 inches

**Overall Width:**

Between 1.984 inches and 2.016 inches

**Environmental Protection:**

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

**Unthreaded Mounting Hole Diameter:**

Between 0.134 inches and 0.166 inches

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

Between 0.870 inches and 0.880 inches

**Threaded Device Type:**

Coupling facility and mounting stud

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

25-104 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

13.0 single mating end single contact grouping

**Polarization Method:**

Jackscrew and shell

**Shell Type:**

Solid

**Connector Locking Method:**

Jackscrew-socket

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

32 and 32 and 32

**Thread Size:**

0.164 inches and 0.164 inches and 0.138 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

**Insert Material:**

Plastic diallyl phthalate single mating end and glass fiber single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, grade c, cl 1 military specification single treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Contact Material Specification:**

Qq-c-530 federal specification single material response single mating end single contact grouping or qq-c-533 federal specification single material response single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Anodize

**Shell Surface Treatment Specification:**

Mil-a-8625, type i or type ii military specification single treatment response

**Shell Material Specification:**

Qq-a-250/8, temper 0 federal specification single material response or qq-a-250/1, temper h12 federal specification single material response

**Insert Material Specification:**

Mil-m-14, type sdg-f military specification all material responses single mating end or mil-p-19833, type gdi-30f military specification all material responses single mating end

**Shell Guide Type And Location Designator:**

A pin

**Unable To Decode:**

Unable to decode and unable to decode

**Included Contact Quantity:**

104 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Special Features:**

Jackscrew type-male and location-right hand and jackscrew type-female and location-left hand

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.104 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-28748 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:**

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.