

View Online at <https://aerobasegroup.com/nsn/5935-01-225-8900>

**Thread Class:**

2a and 2a and 2a

**Thread Direction:**

Right-hand and right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

2.062 inches

**Overall Diameter:**

Between 2.098 inches and 2.118 inches

**Environmental Protection:**

Moisture resistant and corrosion resistant and thermal shock resistant and vibration resistant and heat resistant and cold resistant

**Distance From Mounting Shoulder To Front Face:**

Between 1.013 inches and 1.033 inches

**Mounting Facility Thickness:**

0.188 inches

**Threaded Device Type:**

Back shell and coupling facility and mounting bushing

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

28-2009-56 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

50.0 and 160.0 and 190.0 and 225.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

18 and 10 and 18

**Thread Size:**

1.438 inches and 1.500 inches and 1.625 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 fluorosilicone single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response single mating end single contact grouping

**Criticality Code Justification:**

Feat

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum

**Shell Surface Treatment:**

Cadmium and chromate and nickel

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, class 3 federal specification 1st treatment response and qq-p-416, type 2, class 3 federal specification 2nd treatment response

**Included Contact Quantity:**

64 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round w/flat

**Included Contact Type:**

Round pin single mating end single contact grouping

**Special Features:**

Pin wire size 20-20 in lieu of 20-22; contact configuration 23-1

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.064 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-28840 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:**

Unef and double stub and unef

**Specification Data:**

81349-mil-c-28840/14 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0