

View Online at <https://aerobasegroup.com/nsn/5935-01-383-4851>

**Body Style:**

Straight shape

**Overall Length:**

3.118 inches

**Overall Diameter:**

Between 0.826 inches and 0.836 inches

**Environmental Protection:**

Shock resistant and vibration resistant and thermal shock resistant and salt water resistant and humidity resistant and waterproof

**Cable Entrance Diameter:**

0.320 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

6 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

0.5 single mating end single contact grouping

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

60.0 single mating end single contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

0.0 and 145.0

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

**Connector Cable Strain Relief Method:**

Compression nut and grommet

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy 360 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 1, grade c, cl 0 military specification 1st treatment response single mating end single contact grouping and qq-n-290, cl1, grade c federal specification 2nd treatment response single mating end single contact grouping

**Contact Material Specification:**

Qq-b-626, 1/2 hard federal specification single material response single mating end single contact grouping

**Shell Material:**

Stainless steel

**Shell Surface Treatment:**

Passivate

**Shell Surface Treatment Specification:**

Mil-f-14072 ty e300 military specification single treatment response

**Shell Material Specification:**

Astm a582 assn standard single material response

**Insert Material Specification:**

Mil-m+14 ty sdg-f or gdf-30-f or mdg military specification single material response single mating end

**Included Contact Quantity:**

6 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Special Features:**

Solder cup terminals

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.005 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-55116 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.).

**Specification Data:**

81349-mil-c-55116/1 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.