

View Online at <https://aerobasegroup.com/nsn/5935-01-347-6415>

**Thread Class:**

2a and 2b

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, internal coupling

**Overall Length:**

2.500 inches

**Overall Diameter:**

2.219 inches

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof and shock resistant and cold resistant and heat resistant and explosion proof

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

32-1 single mating end

**Contact Removability:**

Removable all mating ends all contact groupings

**Contact Maximum Current Rating In Amps:**

41.0 all mating ends 1st contact grouping41.0 all mating ends 2nd contact grouping245.0 all mating ends 3rd contact grouping

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

1250.0 all mating ends 1st contact grouping900.0 all mating ends 2nd contact grouping900.0 all mating ends 3rd contact grouping

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

1750.0 all mating ends 1st contact grouping1250.0 all mating ends 2nd contact grouping1250.0 all mating ends 3rd contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded shell

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 175.0 degrees celsius

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

18 and 18

**Thread Size:**

2.000 inches and 2.000 inches

**Terminal Location:**

Back all mating ends all contact groupings

**Contact Material:**

Copper alloy all mating ends all contact groupings

**Contact Surface Treatment:**

Gold all mating ends all contact groupings and nickel all mating ends all contact groupings

**Insert Material:**

Rubber silicone class q single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp all mating ends all contact groupings

**Shell Material:**

Iron alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification all treatment responses

**Included Contact Quantity:**

1 all mating ends 1st contact grouping2 all mating ends 2nd contact grouping2 all mating ends 3rd contact grouping

**Included Contact Type:**

Round pin all mating ends all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.025 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-5015 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:**

Uns and uns

**Specification Data:**

96906-ms3456 government standard

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.