

View Online at <https://aerobasegroup.com/nsn/5935-00-259-1624>

**Thread Class:**

2a and 2b

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, internal coupling

**Overall Length:**

2.312 inches

**Overall Diameter:**

1.969 inches

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

28-10 single mating end

**Contact Removability:**

Nonremovable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

41.0 single mating end 1st contact grouping 41.0 single mating end 2nd contact grouping 73.0 single mating end 3rd contact grouping 135.0 single mating end 4th contact grouping

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

900.0 single mating end 1st contact grouping 500.0 single mating end 2nd contact grouping 500.0 single mating end 3rd contact grouping 500.0 single mating end 4th contact grouping

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

1250.0 single mating end 1st contact grouping 700.0 single mating end 2nd contact grouping 700.0 single mating end 3rd contact grouping 700.0 single mating end 4th contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded coupling ring

**Thread Length:**

0.375 inches

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

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

18 and 18

**Thread Size:**

1.438 inches and 1.750 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Gold single mating end 1st contact grouping and silver single mating end 1st contact grouping or silver single mating end 1st contact grouping  
gold single mating end 2nd contact grouping and silver single mating end 2nd contact grouping or silver single mating end 2nd contact grouping  
silver single mating end 3rd contact grouping silver single mating end 4th contact grouping

**Insert Material:**

Rubber single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification 1st treatment response single mating end 1st contact grouping and qq-s-365 federal specification 2nd treatment response single mating end 1st contact grouping or qq-s-365 federal specification 3rd treatment response single mating end 1st contact grouping  
mil-g-45204 military specification 1st treatment response single mating end 2nd contact grouping and qq-s-365 federal specification 2nd treatment response single mating end 2nd contact grouping or qq-s-365 federal specification 3rd treatment response single mating end 2nd contact grouping  
qq-s-365 federal specification single treatment response single mating end 3rd contact grouping  
qq-s-365 federal specification single treatment response single mating end 4th contact grouping

**Terminal Type:**

Solder well single mating end all contact groupings

**Shell Material:**

Aluminum 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 single mating end 1st contact grouping 2 single mating end 2nd contact grouping 2 single mating end 3rd contact grouping 2 single mating end 4th contact grouping

**Included Contact Type:**

Round socket single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver

**Precious Material And Weight:**

0.015 gold grains, troy and 0.035 silver grains, troy

**Precious Material:**

Gold and silver

**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:**

Un and un

**Specification Data:**

96906-ms3106 government standard

**Shelf Life:**

N/a

**Unit Of Measure:**