

View Online at <https://aerobasegroup.com/nsn/5935-01-191-4031>

**Thread Class:**

2a and 2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.370 inches

**Overall Diameter:**

Between 1.485 inches and 1.515 inches

**Environmental Protection:**

Corrosion resistant and vibration resistant and shock resistant and moisture resistant

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

Between 0.715 inches and 0.725 inches

**Mounting Facility Thickness:**

Between 0.115 inches and 0.125 inches

**Threaded Device Type:**

Back shell and mounting bushing

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

20-37 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

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

600.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Spring friction

**End Application:**

1520-01-106-9519

**Thread Length:**

0.290 inches

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

18 and 18

**Thread Size:**

1.188 inches and 1.250 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

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Material Specification:**

Qq-a-591 federal specification single material response

**Included Contact Quantity:**

37 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round w/flat

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.037 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-81703 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 unef

**Specification Data:**

96906-ms3464 government standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.