

View Online at <https://aerobasegroup.com/nsn/5935-01-286-2151>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling w/backshell

**Overall Length:**

3.337 inches

**Overall Height:**

Between 3.855 inches and 3.896 inches

**Overall Width:**

Between 3.855 inches and 3.896 inches

**Environmental Protection:**

Moisture resistant and salt water resistant and shock resistant and thermal shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.276 inches and 0.286 inches

**Center To Center Distance Between Mounting Facilities Parallel To Height:**

3.156 inches

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

3.156 inches

**Cable Entrance Diameter:**

Between 2.800 inches and 2.811 inches

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

2.691 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Removability:**

Removable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

200.0 single mating end 1st contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded coupling ring

**Connector Cable Strain Relief Method:**

Compression nut

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

10

**Thread Size:**

3.500 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 all contact groupings

**Insert Material:**

Plastic single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 1, cl 1 military specification single treatment response single mating end all contact groupings

**Terminal Type:**

Crimp single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and nickel

**Shell Surface Treatment Specification:**

Qq-p-416, ty ii federal specification 1st treatment response and qq-n-290 federal specification 2nd treatment response

**Included Contact Quantity:**

4 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.024 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-22992 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:**

Double stub

**Specification Data:**

96906-ms90558 government standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

N

**Fiig:**

A039b0

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

Mil-g-45204 spec.