

View Online at <https://aerobasegroup.com/nsn/5935-01-117-3497>

**Thread Class:**

2a

**Thread Pitch Diameters:**

+0.118/+0.143 inches

**Thread Direction:**

Left-hand

**Body Style:**

Straight shape, external coupling w/strain relief

**Overall Length:**

11.062 inches

**Diameter:**

Between 3.265 inches and 3.276 inches

**Overall Diameter:**

Between 4.146 inches and 4.167 inches

**Environmental Protection:**

Thermal shock resistant and moisture resistant and salt water resistant and shock resistant and vibration resistant

**Cable Entrance Diameter:**

Between 2.308 inches and 2.453 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Removability:**

Nonremovable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

200.0 single mating end all contact groupings

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

15.0 and 60.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Connector Cable Strain Relief Method:**

Compression nut

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

7

**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, class 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 type ii federal specification 1st treatment response and qq-n-290 federal specification 2nd treatment response

**Included Contact Quantity:**

4 single mating end 3rd contact grouping

**Included Contact Type:**

Round socket single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.008 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:**

Acme

**Specification Data:**

96906-ms90557 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.