

View Online at <https://aerobasegroup.com/nsn/5935-01-188-8491>

**Thread Class:**

2a and 2a and 2a

**Thread Direction:**

Right-hand and right-hand and right-hand

**Body Style:**

Straight shape, external coupling w/backshell

**Overall Length:**

2.125 inches

**Overall Height:**

Between 2.719 inches and 2.781 inches

**Overall Width:**

Between 2.719 inches and 2.781 inches

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof and corrosion resistant and dust resistant and fuel resistant and fungus resistant and humidity resistant and oil resistant and shock resistant and thermal shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.168 inches and 0.183 inches

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

2.188 inches

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

2.188 inches

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

Between 0.875 inches and 0.906 inches

**Threaded Device Type:**

Back shell and coupling facility and hub

**Mating End Quantity:**

12

**Contact Position Arrangement Style:**

40-56 single mating end

**Polarization Method:**

Keyway or multiple keyway and key, multiple key groove

**Insert Position In Deg:**

0.0 and 95.0 and 132.0 and 232.0 and 260.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thread Length:**

0.467 inches and 0.625 inches

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

16 and 16

**Thread Size:**

2.500 inches and 2.500 inches

**Insert Material:**

Rubber single mating end

**Shell Material:**

Aluminum alloy or zinc

**Shell Surface Treatment:**

Cadmium and chromate and zinc

**Shell Surface Treatment Specification:**

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

**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-ms3400 government standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-c-5015 spec.