

View Online at <https://aerobasegroup.com/nsn/5935-01-392-0857>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.552 inches

**Overall Height:**

1.891 inches

**Overall Width:**

1.891 inches

**Environmental Protection:**

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

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

Between 1.495 inches and 1.505 inches

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

Between 1.495 inches and 1.505 inches

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

Between 0.589 inches and 0.620 inches

**Threaded Device Type:**

Back shell

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

24-31 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

255.0

**Shell Type:**

Solid

**Connector Locking Method:**

Bayonet pin

**Thread Length:**

0.290 inches

**Thread Size:**

1.438 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

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Included Contact Quantity:**

31 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Special Features:**

In order to complete the connector assembly, the user must obtain/provide the backshell; standard versions may be ordered as nsn 5935-01-174-3669, p/n m85049/52-1-24w for the straight style, or nsn 5935-01-193-8434, p/n m85049/51-1-24w for the right angle style

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.031 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-26482 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

**Specification Data:**

96906-ms3472 government standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-c-26482 spec.