

View Online at <https://aerobasegroup.com/nsn/5935-01-391-5600>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

Between 0.881 inches and 0.891 inches

**Overall Diameter:**

2.405 inches

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof

**Unthreaded Mounting Hole Diameter:**

Between 1.816 inches and 1.826 inches

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

Between 0.459 inches and 0.469 inches

**Mounting Facility Thickness:**

Between 0.062 inches and 0.109 inches

**Threaded Device Type:**

Back shell

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

24-24 single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Bayonet pin

**Thread Length:**

0.219 inches

**Thread Size:**

1.4375 inches

**Contact Material:**

Copper alloy single mating end 2nd contact grouping

**Contact Surface Treatment:**

Gold single mating end 2nd contact grouping

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response single mating end 2nd contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416 federal specification single treatment response

**Included Contact Quantity:**

7 single mating end 2nd contact grouping

**Bushing Accommodation Hole Shape:**

Round w/flat

**Included Contact Type:**

Round socket single mating end 2nd contact grouping

**Special Features:**

Item is a modified ms27474t24b24s receptacle with jam nut and o'ring removed, only 7 contacts supplied which are jumpered a to u, z to v and w to h to n and are inside a backshell cap.

**Precious Material And Location:**

Contact surfaces. Gold

**Precious Material And Weight:**

0.007 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-38999 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-ms27474 government standard

**Departure From Cited Document:**

Modified by deletion of 17 contacts, jumper wires on the remaining 7 and a backshell cap.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.