

View Online at <https://aerobasegroup.com/nsn/5935-01-416-0594>

**Thread Class:**

2a and 2a and 2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

Between 1.370 inches and 1.430 inches

**Overall Diameter:**

Between 1.923 inches and 1.954 inches

**Environmental Protection:**

Humidity resistant and salt water resistant and shock proof and vibration proof

**Unthreaded Mounting Hole Diameter:**

1.385 inches

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

Between 0.761 inches and 0.781 inches

**Mounting Facility Thickness:**

0.125 inches

**Threaded Device Type:**

Back shell and coupling facility and mounting bushing

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

20-28 single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0 and 342.0 and 211.0 and 168.0 and 101.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**End Application:**

4920-01-235-0984

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 175.0 degrees celsius

**Thread Size:**

1.188 inches and 1.312 inches and 1.375 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 epoxy single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204, type 2, 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

**Shell Surface Treatment Specification:**

Qq-p-416 federal specification single treatment response

**Shell Material Specification:**

Qq-a-367 federal specification single material response

**Included Contact Quantity:**

4 single mating end 1st contact grouping

**Bushing Accommodation Hole Shape:**

Round w/flat

**Included Contact Type:**

Round socket single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.044 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-83723 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 and unef and unef

**Specification Data:**

81349-mil-c-83723/84 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

1-0001-0

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

Mil-g-45204 spec.