

View Online at <https://aerobasegroup.com/nsn/5935-01-165-2962>

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape threaded

**Overall Length:**

32.0 millimeters

**Overall Diameter:**

Between 50.7 millimeters and 51.7 millimeters

**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

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

Between 27.5 millimeters and 28.4 millimeters

**Mounting Facility Thickness:**

Between 1.5 millimeters and 3.2 millimeters

**Threaded Device Type:**

Back shell and mounting bushing

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

21-41 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Key, multiple key groove

**Insert Position In Deg:**

0.0 and 110.0 and 250.0

**Shell Type:**

Solid

**Connector Locking Method:**

Detent

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 175.0 degrees celsius

**Thread Size:**

31.0 millimeters and 41.0 millimeters

**Thread Pitch In Millimeters:**

1.00 and 1.00

**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

**Insert Material:**

Plastic epoxy single mating end

**Contact Surface Treatment Specification:**

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

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416 federal specification single treatment response

**Thread Tolerance Class:**

6g external and 6g external

**Included Contact Quantity:**

41 single mating end single contact grouping

**Bushing Accommodation Hole Shape:**

Round w/flat

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.041 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-dod-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:**

Iso m and iso m

**Specification Data:**

81349-dod-c-38999/44 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A039b0

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

Mil-g-45204 spec.