

View Online at <https://aerobasegroup.com/nsn/5935-01-173-2875>

**Thread Class:**

2a

**Thread Direction:**

Right-hand and right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

32.5 millimeters

**Overall Diameter:**

49.2 millimeters

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof

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

22.6 millimeters

**Mounting Facility Thickness:**

Between 1.5 millimeters and 3.2 millimeters

**Threaded Device Type:**

Back shell and coupling facility and mounting bushing

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

19-32 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

10

**Thread Size:**

28.0 millimeters and 1.250 inches and 35.0 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

**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:**

32 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:**

0.032 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 special acme and iso m

**Specification Data:**

81349-dod-c-38999/24 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.