

View Online at <https://aerobasegroup.com/nsn/5935-01-388-5858>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

32.0 millimeters

**Overall Height:**

Between 36.0 millimeters and 37.1 millimeters

**Overall Width:**

Between 36.0 millimeters and 37.1 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

**Unthreaded Mounting Hole Diameter:**

Between 3.1 millimeters and 3.5 millimeters

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

29.36 millimeters

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

29.36 millimeters

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

Between 19.2 millimeters and 20.8 millimeters

**Threaded Device Type:**

Back shell

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

19-32 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Key or multiple key

**Shell Type:**

Solid

**Connector Locking Method:**

Bayonet latch and detent

**Thread Length:**

0.280 millimeters

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 175.0 degrees celsius

**Unable To Decode:**

Unable to decode and unable to decode

**Thread Size:**

1.000 millimeters

**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 and solder 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

**Included Contact Quantity:**

32 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material:**

Gold

**Supplementary Features:**

Mounting method - flange and unthreaded hole

**Test Data Document:**

81349-d38999/40 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:**

Special acme

**Specification Data:**

81349-d38999/40 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

1-0001-0

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

Mil-g-45204 spec.