

View Online at <https://aerobasegroup.com/nsn/5935-01-414-8621>

**Body Style:**

Straight shape, external coupling

**Overall Length:**

34.1 millimeters

**Overall Height:**

45.5 millimeters

**Overall Width:**

Between 45.5 millimeters and 46.6 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 3.6 millimeters and 4.0 millimeters

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

38.0 millimeters

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

38.0 millimeters

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

Between 19.2 millimeters and 20.8 millimeters

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

25-29 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0 and 100.0 and 260.0

**Shell Type:**

Solid

**Connector Locking Method:**

Detent

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Insert Material:**

Plastic epoxy single mating end

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Nickel

**Included Contact Quantity:**

29 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.029 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.).

**Specification Data:**

81349-dod-38999/42 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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