

View Online at <https://aerobasegroup.com/nsn/5935-01-408-0638>

**Body Style:**

Straight type

**Overall Length:**

8.295 inches

**Overall Height:**

0.703 inches

**Overall Width:**

0.590 inches

**Environmental Protection:**

Shock resistant and vibration resistant and corrosion resistant and humidity resistant and fungus resistant

**Distance Between Mounting Facility Centers:**

7.795 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

4 rows of contacts non-inserted board single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Polarization Method:**

Mating end

**Connector Locking Method:**

Friction

**Operating Temperature Rating:**

Between -65.0 degrees celsius and 125.0 degrees celsius

**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 and nickel single mating end single contact grouping

**Insert Material:**

Glass fiber single mating end and plastic single mating end

**Terminal Type:**

Printed circuit single mating end single contact grouping

**Included Contact Quantity:**

280 single mating end single contact grouping

**Included Contact Type:**

Brush pin single mating end single contact grouping

**Special Features:**

Following not supplied with connector: four m55302/78-02 polarizing keys: coupling/mounting bushings, m55302/172-01, and -02.

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.280 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-55302 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-mil-c-55302/166 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0