

View Online at <https://aerobasegroup.com/nsn/5935-00-089-4440>

**Thread Direction:**

Right-hand

**Body Style:**

Straight edge type

**Overall Length:**

2.570 inches

**Overall Height:**

0.453 inches

**Overall Width:**

0.531 inches

**Environmental Protection:**

Moisture resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

0.128 inches

**Distance Between Mounting Facility Centers:**

Between 2.285 inches and 2.315 inches

**Board Accommodated Length:**

1.595 inches single board and 1.605 inches single board

**Board Accommodated Width:**

Between 0.054 inches and 0.070 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

2 rows of independent contacts inserted board single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

5.0 single mating end single contact grouping

**Polarization Method:**

Contact to contact polarizing keys

**Shell Type:**

Solid

**End Application:**

Ticonderoga class cg (47); virginia class cgn (41); forrestal class cv; radar, series an/sps-4 (v); sonar sets, an/bqs-14a/15; spruance class dd (963); sturgeon class ssn (637); systems, jp-5 aviation fuels; computer display set, an/uyq-21(v); los angeles class ssn (688)

**Terminal Location:**

Front 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

**Criticality Code Justification:**

Feat

**Terminal Type:**

Tab, solder lug single mating end single contact grouping

**Shell Material:**

Plastic diallyl phthalate

**Included Contact Type:**

Hermaphrodite single mating end single contact grouping

**Special Features:**

Weapon system essential

**Precious Material And Location:**

Contact surfaces gold

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-21097 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-21097/4 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-c-21097 spec.