

View Online at <https://aerobasegroup.com/nsn/5935-01-464-1032>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.625 inches

**Overall Height:**

Between 1.118 inches and 1.158 inches

**Overall Width:**

Between 1.118 inches and 1.158 inches

**Environmental Protection:**

Moisture resistant and corrosion resistant and thermal shock resistant and vibration resistant and heat resistant and cold resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.115 inches and 0.138 inches

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

0.843 inches

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

0.843 inches

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

Between 0.878 inches and 0.898 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

Err-090 single mating end

**Contact Removability:**

Removable single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

95.9 and 141.0 and 208.0 and 238.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**End Application:**

Ip-174 (v) 3, caged 29355

**Thread Length:**

0.625 inches

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

10

**Thread Size:**

0.875 inches

**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 fluorosilicone single mating end

**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

**Shell Surface Treatment:**

Cadmium and chromate and nickel

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification 1st treatment response and qq-p-416, type 2, cl 3 federal specification 2nd treatment response

**Included Contact Quantity:**

12 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Special Features:**

Has no.20 contacts for 28 gauge wire

**Precious Material And Location:**

Contact surfaces gold

**Precious Material:**

Gold

**Test Data Document:**

81349-mil-c-28840 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:**

Double stub

**Specification Data:**

81349-mil-c-28840/12 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

N/A

**Fig:**

A039b0

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

Mil-g-45204 spec.