

View Online at <https://aerobasegroup.com/nsn/5935-01-157-7164>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling strain relief

**Overall Length:**

3.500 inches

**Overall Height:**

2.750 inches

**Overall Width:**

2.750 inches

**Environmental Protection:**

Corrosion resistant and humidity resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.168 inches and 0.183 inches

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

2.188 inches

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

1.156 inches

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

Between 0.750 inches and 0.781 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

40-56 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

22.0 single mating end single contact grouping

**Contact Maximum Ac Voltage Rating In Volts:**

500.0 single mating end single contact grouping

**Contact Maximum Dc Voltage Rating In Volts:**

700.0 single mating end single contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

216.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Connector Cable Strain Relief Method:**

Cable clamp

**Cable Opening Length:**

1.562 inches

**Cable Opening Width:**

1.100 inches

**Thread Length:**

0.625 inches

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

16

**Thread Size:**

2.500 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Surface Treatment:**

Silver single mating end single contact grouping or silver single mating end single contact grouping and gold single mating end single contact grouping

**Insert Material:**

Rubber chloroprene class cr single mating end

**Contact Surface Treatment Specification:**

Qq-s-365 federal specification 1st treatment response single mating end single contact grouping and qq-s-365 federal specification 2nd treatment response single mating end single contact grouping and mil-g-45204 military specification 3rd treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum

**Shell Surface Treatment:**

Cadmium

**Included Contact Quantity:**

85 single mating end single contact grouping

**Included Contact Type:**

Round pin single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold and contact surfaces silver

**Precious Material:**

Gold and silver

**Test Data Document:**

81349-mil-c-5015 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:**

Un

**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-g-45204 spec.