

View Online at <https://aerobasegroup.com/nsn/5935-01-315-7413>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, internal coupling w/strain relief

**Body Length:**

3.226 inches

**Overall Diameter:**

2.719 inches

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof and shock resistant and cold resistant and heat resistant and explosion proof

**Cable Entrance Diameter:**

Between 1.180 inches and 1.625 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:**

13.0 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:**

72.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded coupling ring

**Connector Cable Strain Relief Method:**

Cable clamp

**End Application:**

Sonar set an/bqq-6

**Operating Temperature Rating:**

Between -55.0 degrees celsius and 125.0 degrees celsius

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

16

**Thread Size:**

2.500 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping or copper alloy 260 single mating end single contact grouping

**Contact Surface Treatment:**

Copper 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:**

Mil-c-14550, cl 4 military specification 1st treatment response single mating end single contact grouping and mil-g-45204, type 1, grade a military specification 2nd treatment response single mating end single contact grouping and mil-g-45204, type 2, grade c, cl 1 military specification 2nd treatment response single mating end single contact grouping

**Terminal Type:**

Solder well single mating end single contact grouping

**Contact Material Specification:**

Qq-p-416 federal specification all material responses single mating end single contact grouping

**Shell Material:**

Aluminum alloy 380.0 or aluminum alloy 384.0 or aluminum alloy 413.0

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification all treatment responses

**Shell Material Specification:**

Qq-a-591 federal specification all material responses

**Insert Material Specification:**

Mil-std-417, grade sc715 military standard single material response single mating end

**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

**Precious Material And Weight:**

0.085 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Un

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

A039b0

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

Mil-c-14550 spec.