

View Online at <https://aerobasegroup.com/nsn/5935-01-074-8614>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Angle shape w/cable clamp

**Overall Diameter:**

1.968 inches

**Body Angle In Deg:**

45.0

**Environmental Protection:**

Moisture proof and salt water resistant and vibration proof

**Cable Entrance Diameter:**

0.938 inches

**Threaded Device Type:**

Coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

28-21 single mating end

**Contact Removability:**

Removable 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:**

110.0

**Shell Type:**

Solid

**Connector Locking Method:**

Internally threaded coupling ring

**Connector Cable Strain Relief Method:**

Cable clamp

**Distance From Centerline To Cable End:**

2.376 inches

**Thread Length:**

0.719 inches

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

18

**Thread Size:**

1.750 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping and copper single mating end single contact grouping

**Insert Material:**

Rubber 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-c-4504, type 2, cl 2 military specification 2nd treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416 federal specification 1st treatment response

**Insert Material Specification:**

Mil-r-3065 military specification single material response single mating end

**Included Contact Quantity:**

37 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:**

0.037 gold grains, troy

**Precious Material:**

Gold

**Thread Series Designator:**

Uns

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-c-14550 spec.