

View Online at <https://aerobasegroup.com/nsn/5935-01-178-4261>

**Body Style:**

Straight shape, external coupling strain relief

**Overall Height:**

1.438 inches

**Overall Width:**

1.438 inches

**Body Length:**

2.125 inches

**Environmental Protection:**

Corrosion resistant and humidity resistant and moisture resistant and shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.115 inches and 0.125 inches

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

1.187 inches

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

1.187 inches

**Cable Entrance Diameter:**

0.750 inches

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

0.531 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

37-27p single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Contact Maximum Current Rating In Amps:**

7.5 single mating end 1st contact grouping

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

25.0

**Shell Type:**

Solid

**Connector Locking Method:**

Spring friction

**Connector Cable Strain Relief Method:**

Cable clamp

**Radio Frequency Type Contact Characteristic Impedance In Ohms:**

95.0 single mating end 2nd contact grouping

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Gold single mating end all contact groupings

**Insert Material:**

Rubber synthetic single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification single treatment response single mating end all contact groupings

**Terminal Type:**

Crimp single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416, type 11, class 2 federal specification single treatment response

**Included Contact Quantity:**

7 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end 1st contact grouping

**Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:**

0.013 gold grains, troy

**Precious Material:**

Gold

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.