

View Online at <https://aerobasegroup.com/nsn/5935-00-098-8849>

**Body Style:**

Straight shape, external coupling w/backshell

**Overall Length:**

Between 1.078 inches and 1.140 inches

**Overall Height:**

Between 1.423 inches and 1.453 inches

**Overall Width:**

Between 1.423 inches and 1.453 inches

**Environmental Protection:**

Corrosion resistant and moisture resistant and thermal shock resistant and vibration resistant

**Unthreaded Mounting Hole Diameter:**

0.120 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

**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:**

150.0

**Shell Type:**

Solid

**Connector Locking Method:**

Spring friction

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

50.0 single mating end all contact groupings

**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

**Terminal Type:**

Crimp single mating end all contact groupings

**Shell Material:**

Aluminum

**Shell Surface Treatment:**

Cadmium

**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:**

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