

View Online at <https://aerobasegroup.com/nsn/5935-00-716-6494>

**Body Style:**

Straight shape, external coupling

**Overall Length:**

1.076 inches

**Overall Height:**

Between 1.656 inches and 1.688 inches

**Overall Width:**

Between 1.656 inches and 1.688 inches

**Environmental Protection:**

Moisture resistant

**Unthreaded Mounting Hole Diameter:**

Between 0.145 inches and 0.155 inches

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

1.297 inches

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

1.297 inches

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

Between 0.556 inches and 0.566 inches

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

20-41 single mating end

**Contact Removability:**

Nonremovable single mating end single contact grouping

**Contact Maximum Current Rating In Amps:**

7.5 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:**

45.0

**Shell Type:**

Solid

**Connector Locking Method:**

Bayonet pin

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Gold single mating end single contact grouping and silver single mating end single contact grouping

**Insert Material:**

Rubber single mating end

**Terminal Type:**

Solder well single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Anodize

**Included Contact Quantity:**

41 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 And Weight:**

0.041 gold grains, troy and 0.041 silver grains, troy

**Precious Material:**

Gold and silver

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A039b0