

KYCON continues its leadership in D-Subminiature connectors by offering a complete line of sizes and options.

PC99 Colors Available:

- HD15: Blue
- DB15: Gold
- DB25: Burgundy
- DB09: Teal



D-SUBMINIATURE CONNECTORS

Performance Specification

Materials and Finish

Shell:

Steel Material, Tin or Nickel Finish, and Indentations (Dimples) on Plug Only

Insert:

Standard: PBT Thermoplastic, Black Color, 30% Glass Filled, UL 94V-0 Rated

Reflow Compatible: High Temperature Thermoplastic, Black Color, 30% Glass Filled, UL 94V-0 Rated

Contact Material:

Plug: Brass .040" (1.00mm) Diameter Standard; .030" (0.76mm) Diameter High Density

Socket: Phosphor Bronze (Precision Formed Contact)
Brass (Precision Machined Contact)

Contact Finish - Standard:

Gold Flash Over 0.0001" (0.00254mm) Nickel on Mating End of Contacts
Tin Over Nickel or Gold Flash Over Nickel on Solder Tails

Riveted Insert:

Brass Material, Nickel Finish

Mechanical Characteristics

Durability:

500 Insertion Cycles Min.

Operating Temperature:

-55°C to +105°C

Electrical Characteristics

Contact Current Rating:

2A

Contact Voltage Rating:

30V RMS

Contact Resistance:

13 milliohms Max.

Dielectric Withstanding Voltage:

1000V AC Min. for 1 Minute

Insulation Resistance:

1000 Megohms Min. at 500V DC

Processing Characteristics

Wave Soldering Temperature:

PBT Thermoplastic: 245°C for 10 Seconds

High Temperature Thermoplastic: 260°C for 10 Seconds

Plating Options

Designator	Plating Description
Standard	Gold Flash over Nickel on Contacts. Gold Flash over Nickel or Tin over Nickel on Solder Tails.
15	15µ" Gold over Nickel on Mating End of Contacts. Tin over Nickel on Solder Tails.
30	30µ" Gold over Nickel on Mating End of Contacts. Tin over Nickel on Solder Tails.