

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

Contact Material
Plug : Brass .040 (1.00) Diameter Standard; .030 (0.76) Diameter High Density
Socket: Phosphor Bronze (Precision Formed Contact)
Brass (Precision Machined Contact)

Contact Finish-Standard
Gold Flash Over 0.0001 (0.00254) 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 Rating
-55°C to +105°C

Electrical Characteristics

Contact Current Rating
2A

Contact Resistance
13 Milliohms Max

Dielectric With standing Voltage
1000 V AC Min for 1 Minute

Insulation Resistance
1000 Megohms Min, at 500 V DC

Processing Characteristics

Soldering Temperature Rating
High Temperature Plastic: 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.