

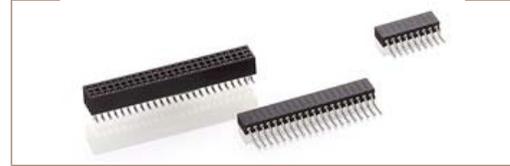
PCB CONNECTORS - SURFACE MOUNT PARALLEL

Series PCB Connectors - Surface mount parallel
851 Single row
 1.27 mm, Surface mount parallel

Ultraminiature PCB socket connectors
 Solder tail / SMD parallel mount.

Technical specs.:

Insulator: Black glass filled polyester
 PCT-GF30-FR
Flammability: UL 94V-O
Sleeve: Brass CuZn36Pb3 (C36000)
Contact: Clip (3 finger); Beryllium copper (C17200)
Mating pin Ø: 0.38 to 0.50 mm
Insertion forces: 0.5 N typ.
Withdrawal forces: 0.2 N typ.
 (polished steel gauge Ø 0.41 mm)
Mechanical life: Min. 500 cycles
Rated current: 1 A
Contact resistance: Max. 20 mΩ
Dielectric strength: Min. 500 V RMS
Coplanarity SMD terminations: Max. 0.1 mm (measured on 25 mm long connectors)

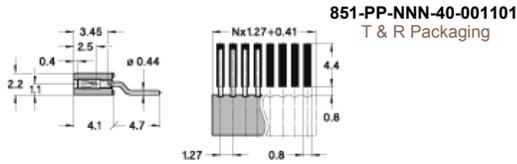


Ordering information RoHS-compliant parts

PP Plating code	Sleeve	Clip
87	Tin	Gold flash
83	Tin	Gold 0.75 µm

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 851-83-**NNN**-40-001101 for a single row version with 8 pins becomes 851-83-**008**-40-001101.

General technical specs. ...



851-PP-NNN-40-001101
 T & R Packaging

SMD socket connector: single row, parallel mount with long solder termination.

Availability from: 2 to 50 contacts.
 Standard number of contacts 25 and 50.

For connectors having more than 19 contacts, the coplanarity issue is to be addressed specifically.