preci-dip

RUE SAINT-HENRI 11, P.O. BOX 834 - CH-2800 DELÉMONT / SWITZERLAND

Your selected product

PCB Connectors - Surface mount perpendicular gull-wing

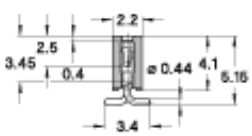
Series 851
851-PP-NNN-30-001101

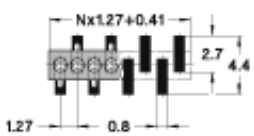
Single row
1.27 mm, Surface mount perpendicular gull-wing

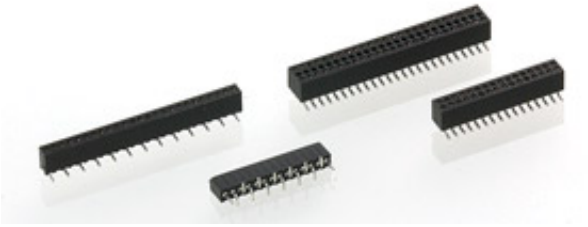
Ultraminiature PCB socket connectors SMD mount.

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:	0.35 to 0.50 mm
Insertion force:	0.5 N typ.
Withdrawal force:	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)





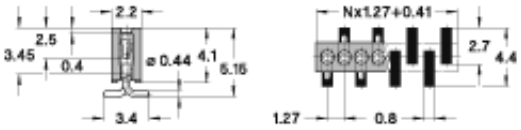


Ordering information RoHS-compliant parts

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**-30-001101 for a single row version with 8 pins becomes 851-83-**008**-30-001101
General technical specs. View CAD

851-PP-NNN-30-001101



SMD socket connector: single row, perpendicular mount.

Availability from: 3 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.

Available in T&R Packaging