



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

## Your selected product

### PCB Connectors - Surface mount parallel

Series 861

**861-PP-NNN-40-001101**

Single row

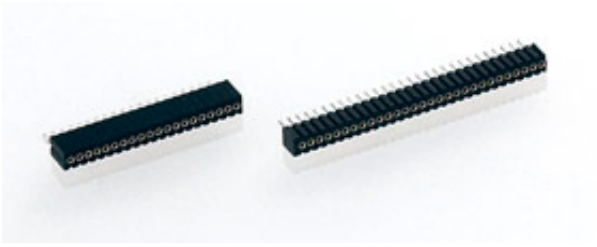
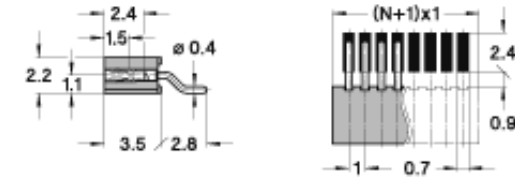
1 mm, Surface mount parallel

Ultraminiature PCB socket connectors

Solder tail / SMD parallel mount.

### Technical specs.:

|                                      |                                                 |
|--------------------------------------|-------------------------------------------------|
| <b>Insulator:</b>                    | Black glass filled polyester PCT-GF30-FR        |
| <b>Flammability:</b>                 | UL 94V-O                                        |
| <b>Sleeve:</b>                       | Brass CuZn36Pb3 (C36000)                        |
| <b>Contact:</b>                      | Clip (4 finger): Beryllium copper (C17200)      |
| <b>Mating pin Ø:</b>                 | 0.36 to 0.46 mm                                 |
| <b>Insertion forces:</b>             | 0.25 N typ.                                     |
| <b>Withdrawal forces:</b>            | 0.15 N typ.<br>(polished steel gauge Ø 0.40 mm) |
| <b>Mechanical life:</b>              | Min. 500 cycles                                 |
| <b>Rated current:</b>                | 1 A                                             |
| <b>Contact resistance:</b>           | Max. 10 mΩ                                      |
| <b>Dielectric strength:</b>          | Min. 1000 V RMS                                 |
| <b>Coplanarity SMD terminations:</b> | 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. 861-87-**NNN**-10-001101 for a single row version with 8 pins becomes 861-87-**008**-10-001101.

[General technical specs.](#) [View CAD](#)

### 861-PP-NNN-40-001101

SMD socket connector: single row, parallel mount.

Availability from: 2 to 50 contacts.

Standard number of contacts 50.

For connectors having more than 24 contacts, the coplanarity issue is to be addressed specifically.

[Available in T&R Packaging](#)