



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

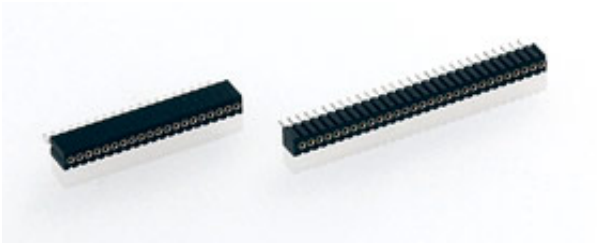
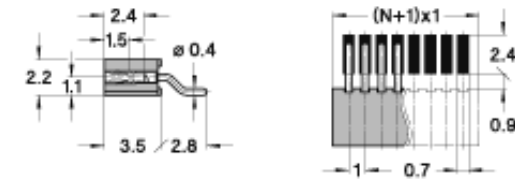
1 mm, Surface mount parallel

Ultraminiature PCB socket connectors

Solder tail / SMD parallel mount.

Technical specs.:

Insulator:	Black glass filled polyester PCT-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn36Pb3 (C36000)
Contact:	Clip (4 finger): Beryllium copper (C17200)
Mating pin Ø:	0.36 to 0.46 mm
Insertion forces:	0.25 N typ.
Withdrawal forces:	0.15 N typ. (polished steel gauge Ø 0.40 mm)
Mechanical life:	Min. 500 cycles
Rated current:	1 A
Contact resistance:	Max. 10 mΩ
Dielectric strength:	Min. 1000 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. 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](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Preci-dip:

[861-87-014-40-001191](#) [861-83-007-40-001191](#) [861-87-020-40-001191](#) [861-87-004-40-001191](#) [861-87-015-40-001191](#) [861-83-012-40-001191](#) [861-83-017-40-001191](#) [861-87-016-40-001191](#) [861-83-008-40-001191](#) [861-87-013-40-001191](#) [861-87-007-40-001191](#) [861-83-013-40-001191](#) [861-83-009-40-001191](#) [861-87-011-40-001191](#) [861-83-011-40-001191](#) [861-83-005-40-001191](#) [861-83-003-40-001191](#) [861-87-010-40-001191](#) [861-83-010-40-001191](#) [861-83-002-40-001191](#) [861-87-009-40-001191](#) [861-83-019-40-001191](#) [861-83-018-40-001191](#) [861-83-020-40-001191](#) [861-87-006-40-001191](#) [861-87-002-40-001191](#) [861-83-014-40-001191](#) [861-87-019-40-001191](#) [861-87-012-40-001191](#) [861-87-005-40-001191](#) [861-87-018-40-001191](#) [861-83-016-40-001191](#) [861-83-015-40-001191](#) [861-87-017-40-001191](#) [861-83-006-40-001191](#) [861-87-003-40-001191](#) [861-83-004-40-001191](#)