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## PCB Connectors - Socket Connectors

SERIES  
833

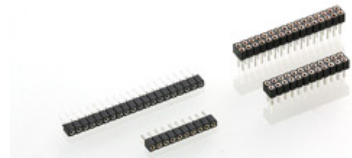
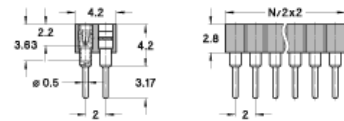
**833-PP-NNN-10-001101**

Double row  
2 mm, Straight solder tail

"Hard metric" PCB socket connectors  
Solder tail

**Technical specs.:**

- Insulator: Black glass filled polymer LCP-GF30-FR
- Flammability: UL 94V-0
- Sleeve: Brass CuZn36Pb3 (C36000)
- Contact: Clip (6 finger): Beryllium copper (C17200)
- Mating pin Ø: 0.40 to 0.66 mm, 0.50 mm square
- Insertion force: 0.7 N typ.
- Withdrawal force: 0.4 N typ. (polished steel gauge Ø 0.46 mm)
- Mechanical life: Min. 500 cycles
- Rated current: 3 A
- Contact resistance: Max. 10 mΩ
- Dielectric strength: Min. 1000 V RMS



**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. 833-87-NNN-10-001101 for a double row version with 16 pins becomes 833-87-016-10-001101

General technical specs.

View CAD

**833-PP-NNN-10-273101**

Straight socket connector low profile height 2.8 mm: solder tail, double row, low profile.  
Availability from: 4 to 100 contacts.  
Standard number of contacts 100.

**833-PP-NNN-10-273101**

Straight socket connector low profile height 2.8 mm: solder tail, double row, low profile.  
Availability from: 4 to 100 contacts.  
Standard number of contacts 100.

**833-PP-NNN-10-001101**

Straight socket connector height 4.2 mm: solder tail, double row.  
Availability from: 4 to 100 contacts.  
Standard number of contacts 100.

**833-PP-NNN-10-001101**

Straight socket connector height 4.2 mm: solder tail, double row.  
Availability from: 4 to 100 contacts.  
Standard number of contacts 100.

**833-PP-NNN-10-245101**

Straight socket connector height 4.55 mm: solder tail, double row, **polarised**.  
Availability: 26 and 44 contacts.  
Other pin number on request.

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**833-PP-NNN-10-245101**

Straight socket connector height 4.55 mm: solder tail, double row, **polarised**.  
Availability: 26 and 44 contacts.  
Other pin number on request.

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**833-PP-NNN-10-453101**

Straight socket connector height 8 mm: solder tail, double row.  
Availability from: 4 to 100 contacts.  
Standard number of contacts 100.

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**833-PP-NNN-10-457101**

Straight socket connector height 10.4 mm: solder tail, double row.  
Availability from: 4 to 50 contacts.  
Standard number of contacts 50.

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**833-PP-NNN-10-287101**

Straight socket connector height 11.5 mm: solder tail, double row, low profile.  
Availability from: 4 to 100 contacts.  
Standard number of contacts 100.

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**833-PP-NNN-10-453101**

Straight socket connector height 8 mm: solder tail, double row.  
Availability from: 4 to 100 contacts.  
Standard number of contacts 100.

---

**833-PP-NNN-10-457101**

Straight socket connector height 10.4 mm: solder tail, double row.  
Availability from: 4 to 50 contacts.  
Standard number of contacts 50.

---

**833-PP-NNN-10-287101**

Straight socket connector height 11.5 mm: solder tail, double row, low profile.  
Availability from: 4 to 100 contacts.  
Standard number of contacts 100.

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