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PCB Connectors - Socket Connectors

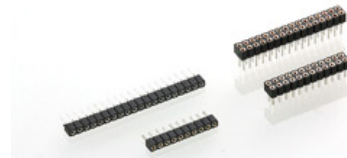
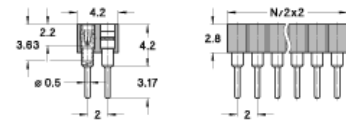
SERIES
833

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.

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.

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.

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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