Socket connectors 2 mm
Single row / double row
Solder tail

PCB Connectors

"Hard metric" PCB socket connectors, solder tail

Technical Specs (General specs see page 17):

Insulator:	Black glass filled polymer LCP-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn36Pb3 (C36000)
Contact clip (6 finger):	Beryllium copper (C17200)
Mating pins:	Ø 0.40 to 0.66 mm, ▱ 0.50 mm
Forces: – Insertion – Withdrawal	(polished steel gauge Ø 0.46 mm) 0.7 N typ. 0.4 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000 V $_{RMS}$

For corresponding pin connectors see pages 38-42
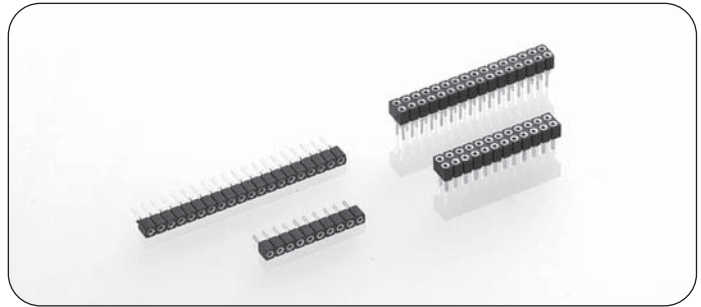
Ordering information RoHS compliant parts

| PP Plating code	Sleeve	Clip
87 83	Tin Tin	Gold flash Gold 0.75 µm

Other plating on request see page 146 for plating specs

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
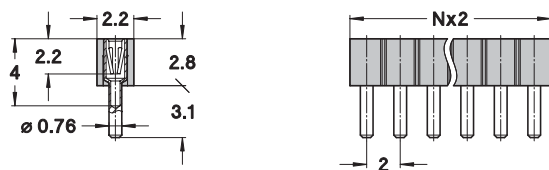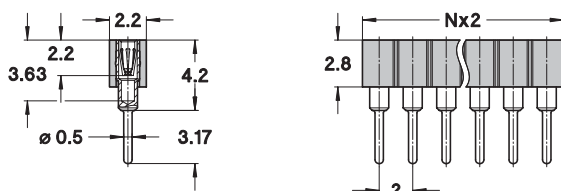

831-PP-NNN-10-273101

Straight socket connector low profile height 2.8 mm: solder tail, single row, low profile

Availability from: 2 to 50 contacts
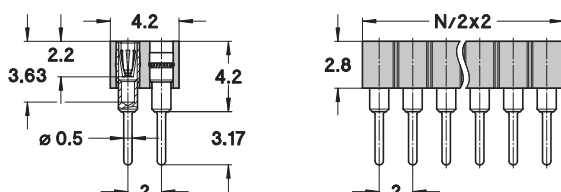Standard number of contacts 50
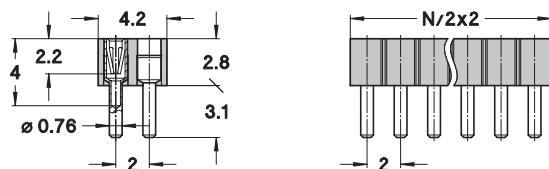
833-PP-NNN-10-273101

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

831-PP-NNN-10-001101

Straight socket connector height 4.2 mm: solder tail, single row

Availability from: 2 to 50 contacts
Standard number of contacts 50

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

Due to technical progress, all the information provided is subject to change without prior notice

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