



preci-dip

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SOCKET CONNECTORS 2 mm

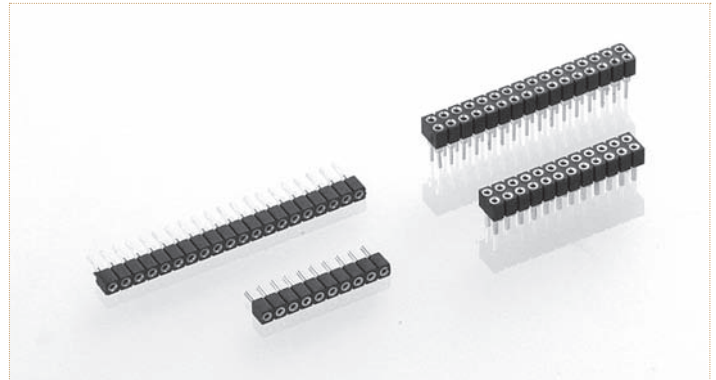
SINGLE ROW / DOUBLE ROW / SOLDER TAIL

"Hard metric" PCB socket connectors, solder tail.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
SLEEVE	Brass CuZn36Pb3 (C36000)
CONTACT CLIP (6 FINGER)	Beryllium copper (C17200)
MATING PINS	Ø 0.40 to 0.66 mm, ∇ 0.50 mm
FORCES	0.7 N typ. insertion 0.4 N typ. withdrawal (polished steel gauge Ø 0.46 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
CONTACT RESISTANCE	Max. 10 mΩ
DIELECTRIC STRENGTH	Min. 1'000 V _{RMS}

For corresponding pin connectors, see pages 64-68.



Other plating on request (see page 178 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.

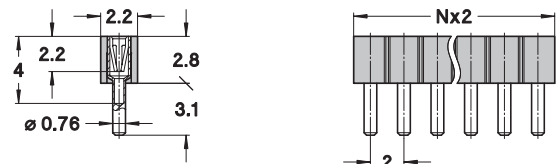
ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold

831-PP-NNN-10-273101

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

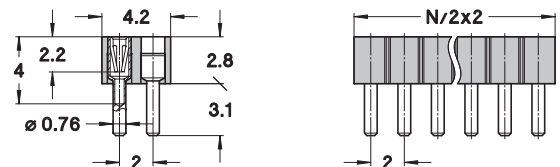
AVAILABILITY FROM 2 to 50 contacts
(standard number of contacts: 50)



833-PP-NNN-10-273101

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

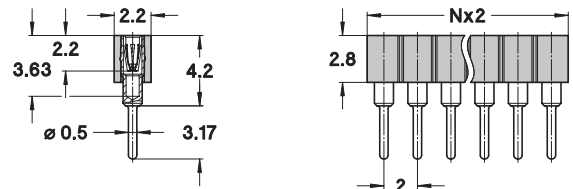
AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)



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)

