![preci-dip logo]

SOCKET CONNECTORS 2 mm
SINGLE ROW / DOUBLE ROW / SURFACE MOUNT

WWW.PRECIDIP.COM   **TEL +41 32 421 04 00**   **SALES@PRECIDIP.COM**

"Hard metric" PCB socket connectors, SMD perpendicular mount.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

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 0.56 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 Vrms
COPLANARITY SMD TERMINATIONS	Max. 0.1 mm (measured on 25 mm long connectors)

For corresponding pin connectors, see pages 64-68.

ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold
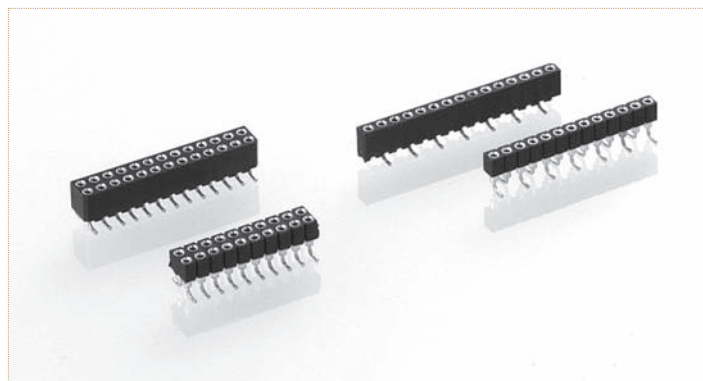
Other plating on request (see page 178 for plating specs).
NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 833-87-**NNN**-30-001101 for a double row version with 16 pins becomes 833-87-**016**-30-001101.
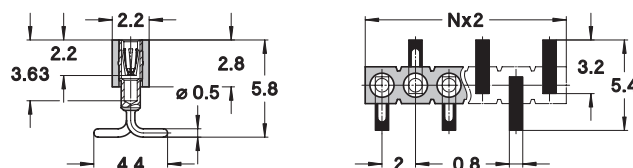

831-**PP**-**NNN**-30-001101
SMD socket connector, single row, perpendicular mount

AVAILABILITY FROM   3 to 50 contacts
(standard number of contacts: 50)
For connectors having more than 12 contacts,
the coplanarity issue is to be addressed specifically

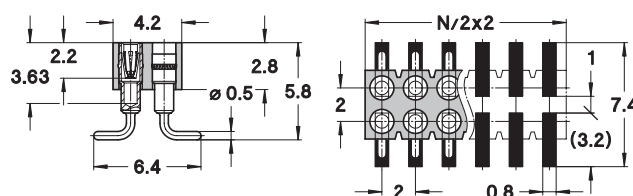**See page 43**

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833-**PP**-**NNN**-30-001101
SMD socket connector, double row, perpendicular mount

AVAILABILITY FROM   4 to 100 contacts
(standard number of contacts: 100)
For connectors having more than 12 contacts per row,
the coplanarity issue is to be addressed specifically

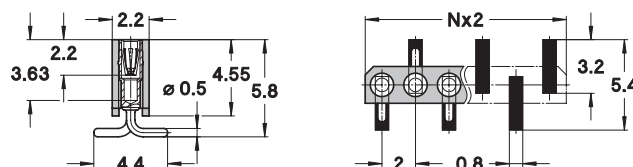**See page 43**

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831-**PP**-**NNN**-30-242101
SMD socket connector, single row, perpendicular mount, polarised

AVAILABILITY   22 contacts
Other pin number on request
For connectors having more than 12 contacts,
the coplanarity issue is to be addressed specifically

See page 43

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833-**PP**-**NNN**-30-245101
SMD socket connector, double row, perpendicular mount, polarised

AVAILABILITY FROM   26 and 44 contacts
Other pin number on request
For connectors having more than 12 contacts per row,
the coplanarity issue is to be addressed specifically

See page 43

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