



preci-dip

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# SOCKET CONNECTORS 2 mm

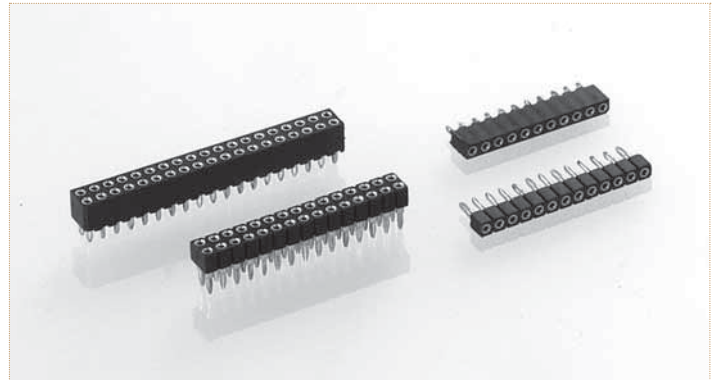
SINGLE ROW / DOUBLE ROW / PRESS-FIT

"Hard metric" PCB socket connectors, solderless press-fit mount.

## TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

<b>INSULATOR</b>	Black glass filled polymer LCP-GF30-FR
<b>FLAMMABILITY</b>	UL 94V-0
<b>SLEEVE</b>	Bronze CuSn4Pb4Zn4 (C54400)
<b>CONTACT CLIP (6 FINGER)</b>	Beryllium copper (C17200)
<b>MATING PINS</b>	Ø 0.40 to 0.66 mm, $\sphericalangle$ 0.50 mm
<b>FORCES</b>	0.7 N typ. insertion      0.4 N typ. withdrawal (polished steel gauge Ø 0.46 mm)
<b>MECHANICAL LIFE</b>	Min. 500 cycles
<b>RATED CURRENT</b>	3 A
<b>CONTACT RESISTANCE</b>	Max. 10 m $\Omega$
<b>DIELECTRIC STRENGTH</b>	Min. 1'000 V <sub>RMS</sub>
<b>PCB HOLE Ø</b>	0.7 +0.07/-0.05 mm finished (0.8 ±0.025 mm drill)

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**-64-001101 for a double row version with 16 pins becomes 833-87-**016**-64-001101.

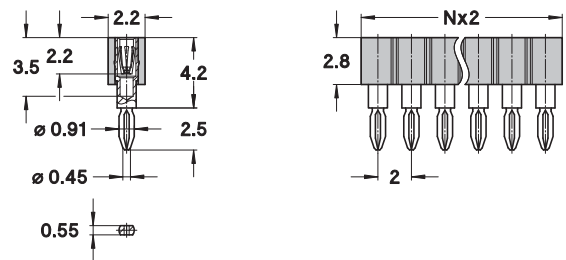
## ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 $\mu$ m gold

### 831-PP-NNN-64-001101

Press-fit socket connector, single row, compliant pin for PCB thickness 1.5 to 2 mm

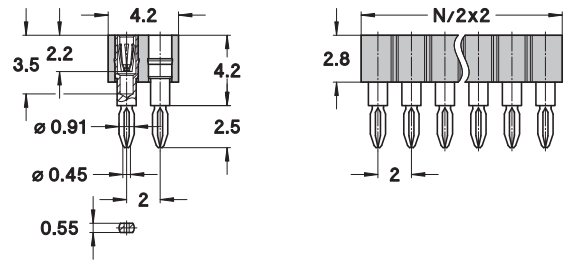
**AVAILABILITY FROM** 2 to 50 contacts  
(standard number of contacts: 50)



### 833-PP-NNN-64-001101

Press-fit socket connector, double row, compliant pin for PCB thickness 1.5 to 2 mm

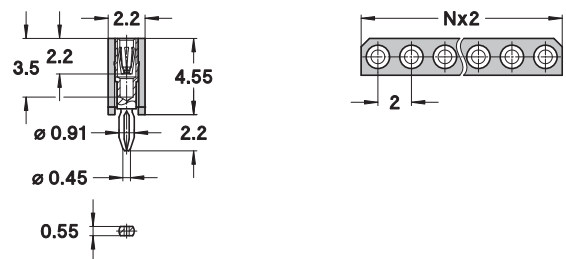
**AVAILABILITY FROM** 4 to 100 contacts  
(standard number of contacts: 100)



### 831-PP-NNN-64-242101

Press-fit socket connector polarised, single row, compliant pin for PCB thickness 1.5 to 2 mm

**AVAILABILITY** 22 contacts  
Other pin number on request



### 833-PP-NNN-64-245101

Press-fit socket connector polarised, double row, compliant pin for PCB thickness 1.5 to 2 mm

**AVAILABILITY** 26 and 44 contacts  
Other pin number on request

