



preci-dip

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# SOCKET CONNECTORS 2.54 mm

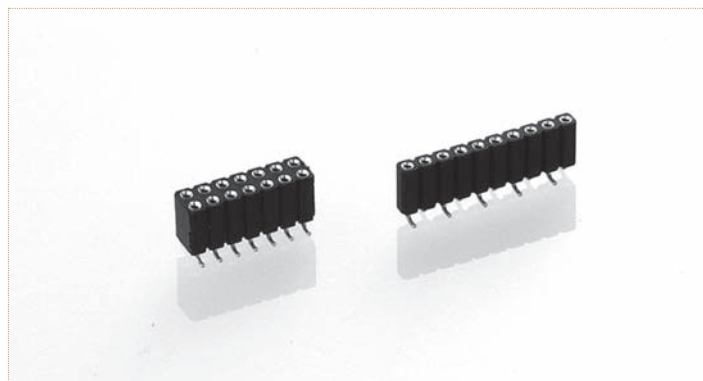
MATING PIN Ø 0.76 mm / SINGLE ROW / DOUBLE ROW / SURFACE MOUNT

Socket connectors, SMD perpendicular mount.

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

INSULATOR	Black glass filled polyester PCT-GF30-FR
FLAMMABILITY	UL 94V-0
SLEEVE	Brass CuZn36Pb3 (C36000)
CONTACT CLIP (6 FINGER)	Beryllium copper (C17200)
MATING PINS	Ø 0.70 to 0.90 mm, $\nabla$ 0.635 mm
FORCES	1.2 N typ. insertion 0.6 N typ. withdrawal (polished steel gauge Ø 0.76 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
CONTACT RESISTANCE	Max. 10 mΩ
DIELECTRIC STRENGTH	Min. 1'000 V <sub>RMS</sub>
COPLANARITY	
SMD TERMINATIONS	Max. 0.1 mm (measured on 25 mm long connectors)

For corresponding pin connectors, see pages 109-119.



Other plating on request (see page 178 for plating specs).

**NNN number of poles.** Replace **NNN** with the requested number of poles, e.g. 803-87-**NNN**-30-001101 for a double row version with 16 pins becomes 803-87-**016**-30-001101.

## ORDERING INFORMATION ROHS COMPLIANT PARTS

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

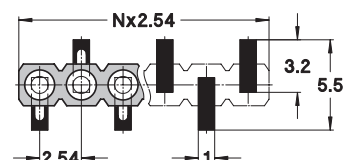
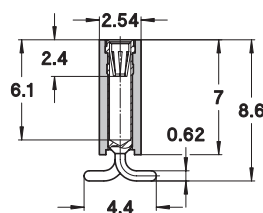
### 801-PP-NNN-30-001101

SMD socket connector, single row, perpendicular mount with gull-wing terminations

AVAILABILITY FROM 3 to 50 contacts  
(standard number of contacts: 50)  
For connectors having more than 9 contacts, the coplanarity issue is to be addressed specifically



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### 803-PP-NNN-30-001101

SMD socket connector, double row, perpendicular mount with gull-wing terminations

AVAILABILITY FROM 4 to 100 contacts  
(standard number of contacts: 100)  
For connectors having more than 9 contacts per row, the coplanarity issue is to be addressed specifically



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