



precidip

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

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, $\square$ 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 _{RMS}
COPLANARITY SMD TERMINATIONS	Max. 0.1 mm (measured on 25 mm long connectors)

For corresponding pin connectors, see pages 109-119.

ORDERING INFORMATION ROHS COMPLIANT PARTS

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

Bulk: T & R Packaging with pick & place cap*:

801-PP-NNN-30-001101 801-PP-NNN-30-001191

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

*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

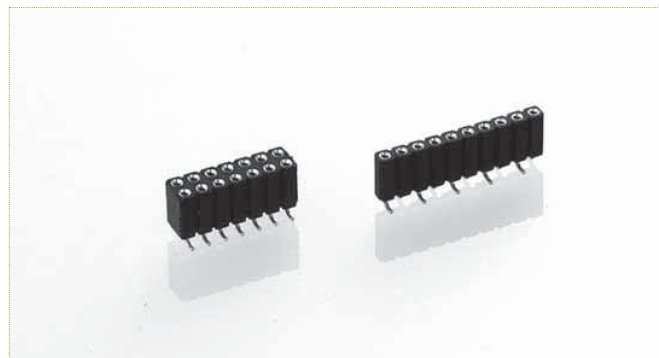
Bulk: T & R Packaging with pick & place cap*:

803-PP-NNN-30-001101 803-PP-NNN-30-001191

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

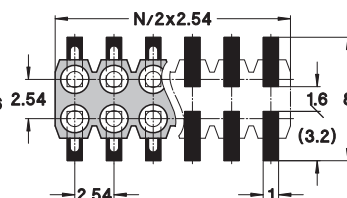
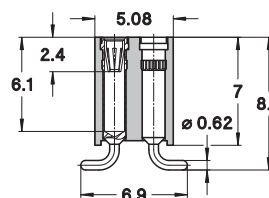
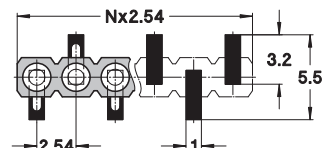
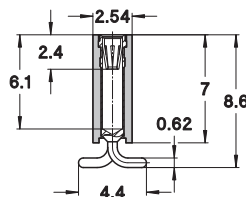
AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)
For connectors having more than 9 contacts per row,
the coplanarity issue is to be addressed specifically

*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.



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.



PCB CONNECTORS