



preci-dip

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SOCKET CONNECTORS 1.27 mm

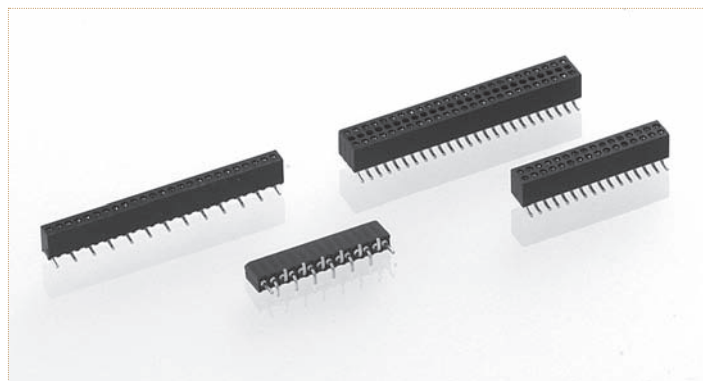
SINGLE ROW / DOUBLE ROW / TRIPLE ROW / SURFACE MOUNT

Ultraminiature PCB socket connectors, SMD 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 (3 FINGER)	Beryllium copper (C17200)
MATING PIN Ø	0.35 to 0.50 mm
FORCES	0.5 N typ. insertion 0.2 N typ. withdrawal (polished steel gauge Ø 0.41 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	1 A
CONTACT RESISTANCE	Max. 20 mΩ
DIELECTRIC STRENGTH	Min. 500 V _{RMS}
COPLANARITY	
SMD TERMINATIONS	Max. 0.1 mm (measured on 25 mm long connectors)

For corresponding pin connectors, see pages 51-54.



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

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 851-83-**NNN**-30-001101 for a single row version with 8 pins becomes 851-83-**008**-30-001101.

ORDERING INFORMATION ROHS COMPLIANT PARTS

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

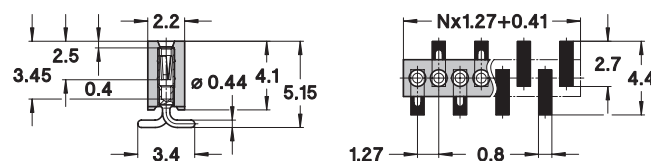
851-PP-NNN-30-001101

SMD socket connector, single row, perpendicular mount

AVAILABILITY FROM 3 to 50 contacts
(standard number of contacts: 25 and 50)
For connectors having more than 19 contacts, the coplanarity issue is to be addressed specifically



T & R Packaging



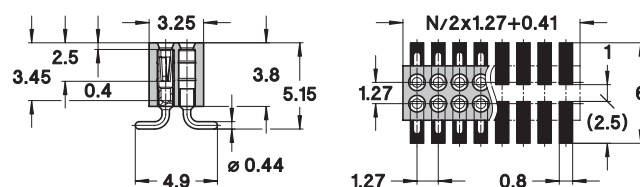
853-PP-NNN-30-001101

SMD socket connector, double row, perpendicular mount

AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 50 and 100)
For connectors having more than 19 contacts per row, the coplanarity issue is to be addressed specifically



T & R Packaging



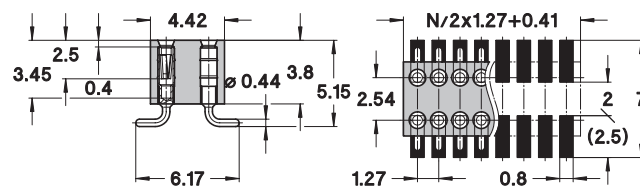
853-PP-NNN-30-002101

SMD socket connector, double row with 2.54 mm row to row distance, perpendicular mount

AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)
For connectors having more than 19 contacts per row, the coplanarity issue is to be addressed specifically



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851-PP-NNN-30-136101

SMD socket connector, single row, perpendicular mount with 2 positioning pins

AVAILABILITY FROM 5 to 50 contacts
(standard number of contacts: 25 and 50)
For connectors having more than 19 contacts, the coplanarity issue is to be addressed specifically

