



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 / SURFACE MOUNT

Socket connectors, SMD parallel 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 <sub>RMS</sub>
COPLANARITY	Max. 0.1 mm (measured on 25 mm long connectors)
SMD TERMINATIONS	

For corresponding pin connectors, see pages 109-119.

## ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
78, 87	Tin	Gold flash
38, 83	Tin	Gold 0.75 µm

Code 78, 38 for 8FM...02-146 series / 87, 83 for 801...40-00X101 series

**Bulk:** **T & R Packaging with pick & place cap\*:**  
8FM-PP-0NNN-02-278 8FM-PP-0NNN-02-278191

SMD socket connector, parallel mount, low profile minimum PCB space requirement, single row

**AVAILABILITY FROM** 2 to 10 contacts  
(standard number of contacts: 10)  
For connectors having more than 9 contacts,  
the coplanarity issue is to be addressed specifically

\*Please consult [www.precidip.com](http://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\*:**  
8FM-PP-0NNN-02-146 8FM-PP-0NNN-02-146191

SMD socket connector, parallel mount, low profile minimum PCB space requirement, single row

**AVAILABILITY FROM** 2 to 10 contacts  
(standard number of contacts: 10)  
For connectors having more than 9 contacts,  
the coplanarity issue is to be addressed specifically

\*Please consult [www.precidip.com](http://www.precidip.com) for availability size of tape, size of reel, number of components per reel and packing units.

**Bulk:** **T & R Packaging\*:**  
801-PP-NNN-40-002101 8FM-PP-0NNN-02-146191

SMD socket connector, parallel mount, short contact, single row

**AVAILABILITY FROM** 2 to 64 contacts  
(standard number of contacts: 64)  
For connectors having more than 9 contacts,  
the coplanarity issue is to be addressed specifically

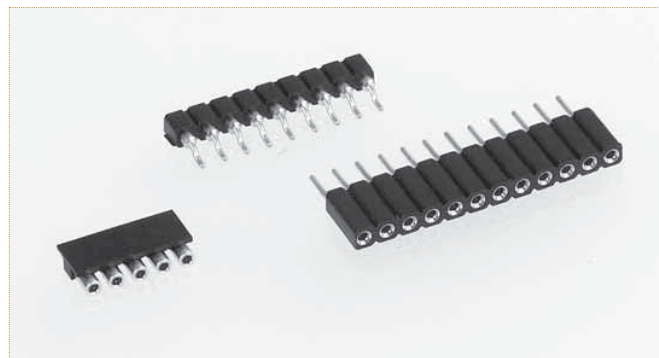
\*Please consult [www.precidip.com](http://www.precidip.com) for availability size of tape, size of reel, number of components per reel and packing units.

**Bulk:** **T & R Packaging\*:**  
801-PP-NNN-40-001101 8FM-PP-0NNN-02-146191

SMD socket connector, parallel mount, long contact, single row

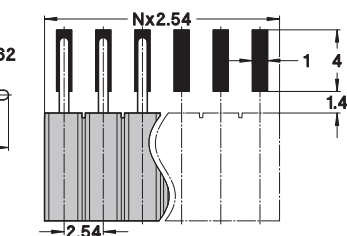
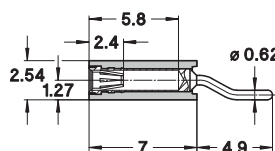
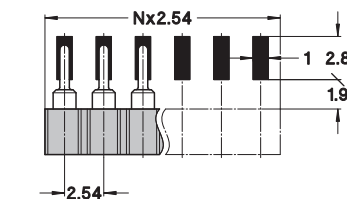
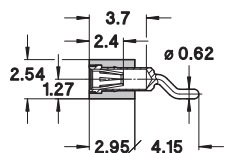
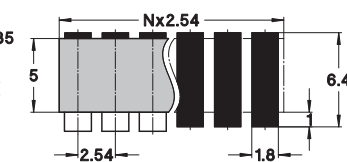
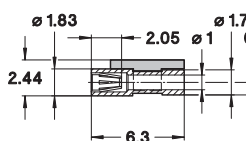
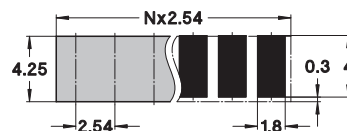
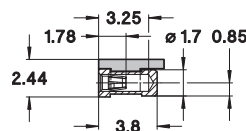
**AVAILABILITY FROM** 2 to 50 contacts  
(standard number of contacts: 50)  
For connectors having more than 9 contacts,  
the coplanarity issue is to be addressed specifically

\*Please consult [www.precidip.com](http://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. 801-87-**NNN**-40-002101 for a single row version with 8 pins becomes  
801-87-**008**-40-002101.



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