



precidip

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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 _{RMS}
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 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 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

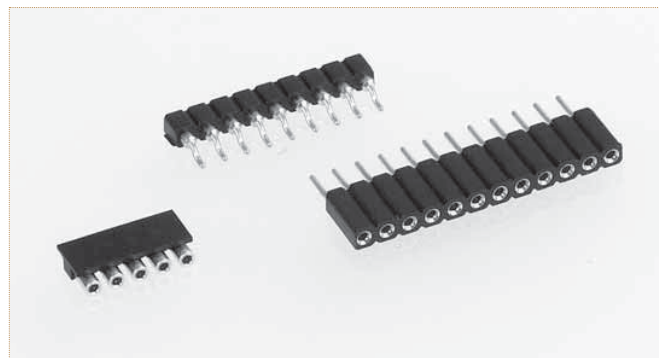
*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

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 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.

