



precip-dip

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

# PAD CONNECTORS

SINGLE ROW / DOUBLE ROW / SURFACE MOUNT

Pad connectors with fixed contacts, counterparts for spring-loaded connectors.

## TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 31)

INSULATOR	Black glass filled polyester PCT-GF30-FR
FLAMMABILITY	UL 94V-0
CONTACT	Brass CuZn36Pb3 (C36000)
CONTACTING AREA Ø	1.5 mm
OPERATING CURRENT	Max. 3.5 A
DIELECTRIC STRENGTH	Min. 1'000 VRMS
COPLANARITY	Max. 0.1 mm (measured on 25 mm long connectors)
SMD TERMINATIONS	

## ORDERING INFORMATION ROHS COMPLIANT PARTS

PLATING CODE	TERMINATION	CONTACTING AREA
10, 11	0.25 µm gold	0.25 µm gold



See page 178 for plating specs.

**NNN / NN number of poles.** Replace **NNN** or **NN** with the requested number of poles, e.g. 802-10-**NNN**-30-507101 for a double row version with 20 pins becomes 802-10-**020**-30-507101.

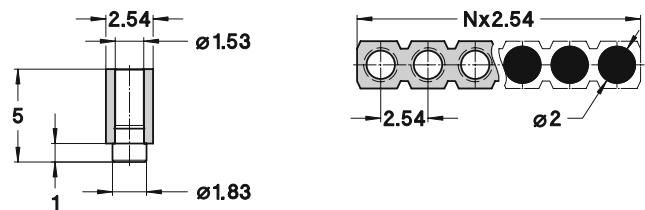
### 800-10-**NNN**-30-507101

SMD pad connector, single row, perpendicular mount

AVAILABILITY FROM 2 to 10 contacts  
(standard number of contacts: 10)



T & R Packaging



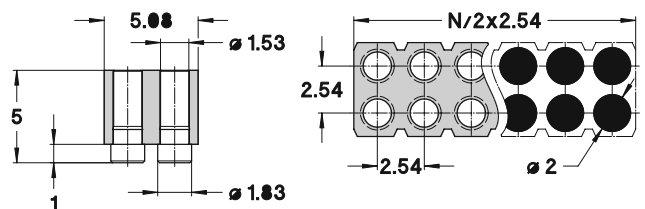
### 802-10-**NNN**-30-507101

SMD pad connector, double row, perpendicular mount

AVAILABILITY FROM 4 to 20 contacts  
(standard number of contacts: 20)



T & R Packaging



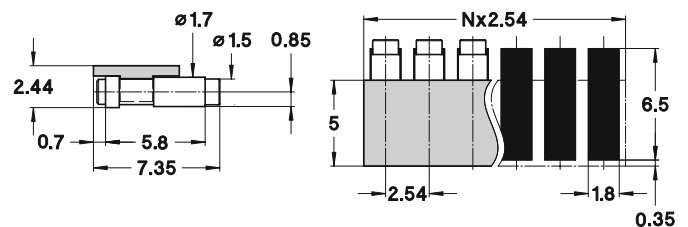
### 8MM-11-00**NN**-02-131

SMD pad connector, single row, parallel mount

AVAILABILITY FROM 2 to 10 contacts  
(standard number of contacts: 10)



T & R Packaging





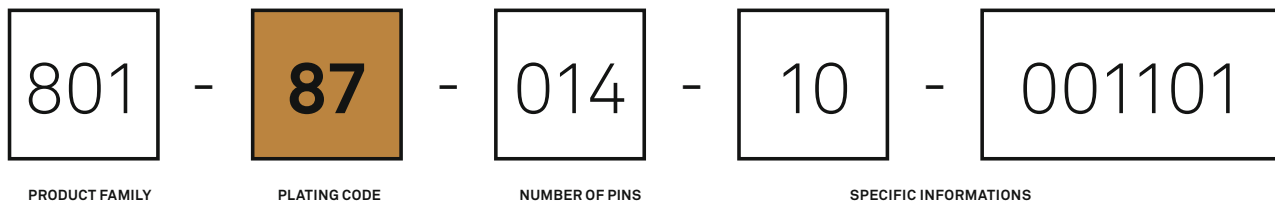
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# GENERAL INFORMATION

## PART NUMBERS AND PRODUCT IDENTIFICATION

PRECIDIP products are all identified with a unique part number. These numbers are built with up to 5 groups of digits separated by dashes. Each of these groups has its own signification, making it possible to identify the major characteristics of the product from the part number.

Please find below a brief explanation of PRECIDIP identification codes for connectors and sockets:



### PRODUCT FAMILY

- |                    |                                 |
|--------------------|---------------------------------|
| • 81 x, 8Px        | Spring-loaded connectors        |
| • 1 xx, 2 xx       | DIL sockets                     |
| • 3 xx, 4 xx, 8 xx | PCB connectors                  |
| • 5 xx             | BGA, PGA and PLCC sockets       |
| • 6 xx, 7 xx       | Carriers                        |
| • 9 xx             | Circular connectors, TO sockets |

### PLATING CODE

The standard plating codes are listed and specified in the catalog section Contacts under General technical specifications at page 178.  
 Tin-plated PRECIDIP products had to be changed to become RoHS compliant and have received a new part number to allow clear identification. Tin-lead plating was replaced by pure tin plating and the old plating code 9x was replaced by 8x.

### NUMBER OF PINS

These figures indicate always the total number of contacts of the product.

### SPECIFIC INFORMATION

The last two groups of digits can have different significations depending on the product family:

- |  |                                    |                        |     |          |
|--|------------------------------------|------------------------|-----|----------|
| • Type of terminations (PCB connectors): | 10                                 | Straight solder pin    |     |          |
|  | 20                                 | Right angle solder pin |     |          |
|  | 30 and 40                          | SMD                    |     |          |
|  | 5x                                 | Wire-wrap              |     |          |
|  | 6x                                 | Solderless press fit   |     |          |
| • Type of clip (DIL sockets):            | 00                                 | no clip                | 4 x | 4 finger |
|  | 31                                 | 3 finger               | 6 x | 6 finger |
| • Packaging versions:                    | 003101 for box or tube packaging   |                        |     |          |
|  | 003191 for Tape and Reel packaging |                        |     |          |

### EXAMPLES

- 114-87-628-41-134191:** DIL socket, 28 pins, 4 finger clip, tape and reel packaging  
**803-87-014-10-003101:** PCB connectors, 14 pins, with straight solder pins, box packaging

## ROHS-COMPLIANT PLATING

**All products displayed in this catalog are compliant with the European Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).**

Please note that standard PRECIDIP RoHS-compliant parts are additionally identified with a green dot on the packaging.