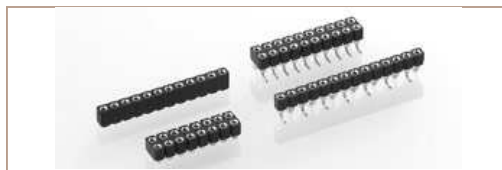


PCB CONNECTORS - SURFACE MOUNT PERPENDICULAR GULL-WING

Series 803
 PCB Connectors - Surface mount perpendicular gull-wing
 Double row
 2.54 mm, Surface mount perp. gull-wing, Mating pin Ø 0.76 mm



Socket connectors SMD perpendicular mount.

Technical specs.:

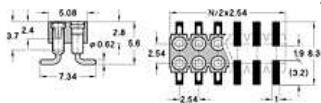
Insulator: Black glass filled polyester PCT-GF30-FR
 Flammability: UL 94V-O
 Sleeve: Brass CuZn36Pb3 (C36000)
 Contact: Clip (6 finger); Beryllium copper (C17200)
 Mating pin Ø: 0.70 to 0.90 mm, 0.635 mm square
 Insertion force: 1.2 N typ.
 Withdrawal force: 0.6 N typ. (polished steel gauge Ø 0.76 mm)
 Mechanical life: Min. 500 cycles
 Rated current: 3 A
 Contact resistance: Max. 10 mΩ
 Dielectric strength: Min. 1000 V RMS
 Coplanarity SMD terminations: Max. 0.1 mm (measured on 25 mm long connectors)

Ordering information RoHS-compliant parts

PP Plating code	Sleeve	Clip
87	Tin	Gold flash
83	Tin	Gold 0.75 µm

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 803-87-**NNN**-30-002101 for a double row version with 16 pins becomes 803-87-**016**-30-002101

General technical specs. ...



803-PP-NNN-30-002101
 Available in T&R Packaging

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

Mating pin Ø 0.76 mm

Availability from: 4 to 72 contacts.
 Standard number of contacts 40 and 72.

For connectors having more than 9 contacts per row, the coplanarity issue is to be addressed specifically.