

**PCB CONNECTORS - STRAIGHT SOLDER TAIL**

**Series** PCB Connectors - Straight solder tail  
**803** Double row  
 2.54 mm, Straight solder tail, Mating pin Ø 0.76 mm



Socket connectors, solder tail

**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

**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**-10-268101 for a double row version with 16 pins becomes 803-87-**016**-10-268101

**General technical specs. ...**

**803-PP-NNN-10-001101**

Straight socket connector height 7 mm:  
 solder tail, double row.

**Mating pins: Ø 0.76 mm**

Availability from: 4 to 100 contacts  
 Standard number of contacts 100.