

Basic modular connectors with spring-loaded contacts (SLC), surface mount with positioning pins. Contacts with hollow piston design for low profile

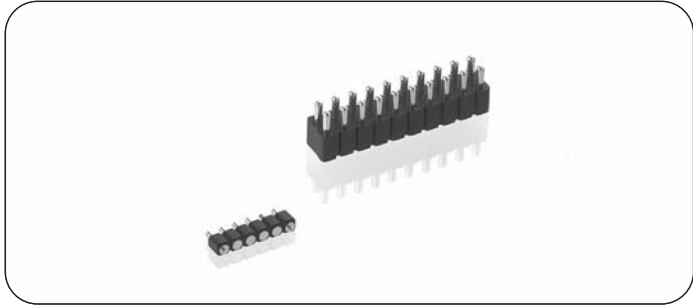
Technical Specs (General specs see page 7):

Insulator: Black glass filled polyester PCT-GF30-FR
 Flammability: UL 94V-O
 Piston and barrel: Brass CuZn36Pb3 (C36000)
 Spring: Stainless steel X12 CrNi177, DIN 17224
 Max. stroke: 1.4 mm (1.15 mm for 811/813-...-021101)

Forces:
 – Initial 0.25 N
 – At 1/2 stroke 0.6 N
 Mechanical life: 100'000 cycles
 Max operating current: 3.5 A
 Contact resistance: 15 mΩ (static measurement, halfway position)

Coplanarity SMD terminations: max 0.1 mm (measured on 25 mm long connectors)

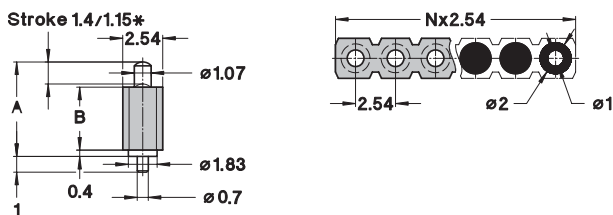
Plating: Gold 0.5 μm barrel and piston



Ordering information RoHS compliant parts

Initial height A [mm]	Height plastic body B [mm]	XXX code
4.5	2.95	021
5	2.95	022
5.5	2.95	023
6	4	024
6.5	4	025
7	4	026
7.5	4	027

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 813-SS-**NNN**-30-021101 for a double row version with 16 pins becomes 813-SS-**016**-30-021101

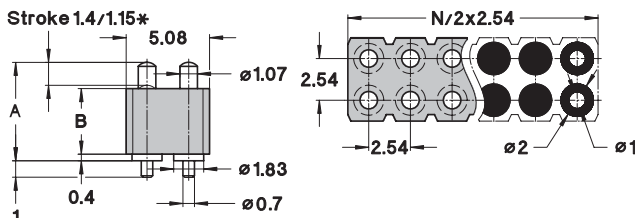


* Only for contact with A=4.5

811-SS-NNN-30-XXX101

Surface mount SLC connector, low profile, single row, **with 2 positioning pins**

Availability from: 2 to 10 contacts
 Standard number of contacts 10



* Only for contact with A=4.5

813-SS-NNN-30-XXX101

Surface mount SLC connector, double row, **with 4 positioning pins**

Availability from: 4 to 20 contacts
 Standard number of contacts 20

