

SPRING-LOADED CONNECTORS - STRAIGHT SOLDER TAIL

Series 811 Spring-Loaded Connectors - Straight solder tail
 Single Row
 2.54 mm, Straight solder tail



Low resistance modular connectors with spring-loaded contacts (SLC), solder tail. Contacts with improved, shaped piston design.

Technical specs.:

Flammability: UL 94V-O
 Piston and barrel: Brass CuZn36Pb3 (C36000)
 Contact clip: Beryllium copper (C17200)
 Spring: Music wire DIN 17223, gold plated
 Max. stroke: 1.4 mm
 Forces initial: 0.25 N
 Forces initial at 1/2 stroke: 0.85 N
 Mechanical life: 50'000 cycles
 Max. operating current: 3.5 A
 Contact resistance: 10 mΩ (static measurement, halfway position)
 Plating: Barrel: 0.25 μm gold - Piston: 0.5 μm gold

Ordering information RoHS-compliant parts

Initial height A (mm)	Height plastic body B (mm)	XXX code
6	4	014
6.5	4	015
7	4	016
7.5	4	017

NNN number of poles. Replace NNN with the requested number of poles, e.g. 811-S1-NNN-10-014101 for a single row version with 16 pins becomes 811-S1-016-10-014101.

General technical specs. ...

	<p>811-S1-NNN-10-014101</p> <p>Straight SLC connector, low profile, solder tail, single row.</p> <p>Availability from: 2 to 64 contacts. Standard number of contacts 64.</p>
	<p>811-S1-NNN-10-015101</p> <p>Straight SLC connector, low profile, solder tail, single row.</p> <p>Availability from: 2 to 64 contacts. Standard number of contacts 64.</p>
	<p>811-S1-NNN-10-016101</p> <p>Straight SLC connector, low profile, solder tail, single row.</p> <p>Availability from: 2 to 64 contacts. Standard number of contacts 64.</p>
	<p>811-S1-NNN-10-017101</p> <p>Straight SLC connector, low profile, solder tail, single row.</p> <p>Availability from: 2 to 64 contacts. Standard number of contacts 64.</p>