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SLC Connectors

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Spring-Loaded Connectors - SLC Connectors

SERIES
811

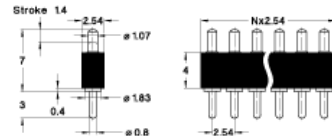
811-S1-NNN-10-016101

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.

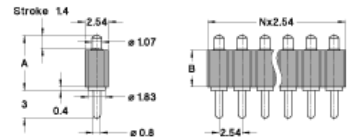
[General technical specs.](#)

[View CAD](#)

811-S1-NNN-10-XXX101

Straight SLC connector, low profile, solder tail, single row.

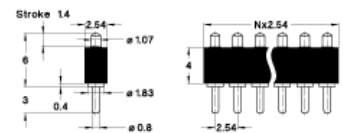
Availability from: 2 to 64 contacts.
Standard number of contacts 64.



811-S1-NNN-10-014101

Straight SLC connector, low profile, solder tail, single row.

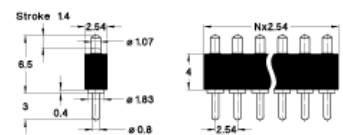
Availability from: 2 to 64 contacts.
Standard number of contacts 64.



811-S1-NNN-10-015101

Straight SLC connector, low profile, solder tail, single row.

Availability from: 2 to 64 contacts.
Standard number of contacts 64.



811-S1-NNN-10-016101

Straight SLC connector, low profile, solder tail, single row.

Availability from: 2 to 64 contacts.
Standard number of contacts 64.

811-S1-NNN-10-017101

Straight SLC connector, low profile, solder tail, single row.

Availability from: 2 to 64 contacts.
Standard number of contacts 64.

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