



precidip

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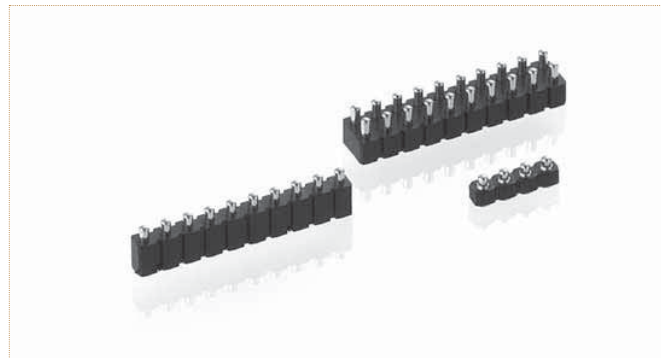
SPRING-LOADED CONNECTORS

2.54 mm GRID / SINGLE ROW / DOUBLE ROW / SURFACE MOUNT

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

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 31)

INSULATOR	Black glass filled polyester PCT-GF30-FR
FLAMMABILITY	UL 94V-0
PISTON AND BARREL	Brass CuZn36Pb3 (C36000)
SPRING	Stainless steel X12 CrNi177, DIN 17224 (Music wire DIN 17223, gold plated for 811...008101)
MAX. STROKE	1.4 mm (1 mm for 811-...-008101 and 1.15 mm for 811/813-...-001101)
FORCES	0.25 N initial 0.6 N at 1/2 stroke
MECHANICAL LIFE	100'000 cycles
OPERATING CURRENT	Max. 3.5 A
CONTACT RESISTANCE	15 mΩ (static measurement, halfway position)
COPLANARITY	
SMD TERMINATIONS	Max. 0.1 mm (measured on 25 mm long connectors)



ORDERING INFORMATION ROHS COMPLIANT PARTS

PLATING CODE	BARREL	PISTON
SS	0.5 µm gold	0.5 µm gold

See page 178 for plating specs.

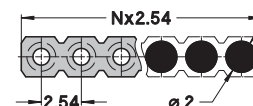
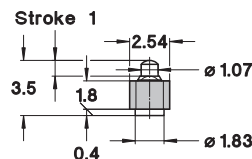
NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 811-SS-**NNN**-30-002101 for a single row version with 16 pins becomes 811-SS-**016**-30-002101.

Bulk: **T & R Packaging with pick & place cap*:**

811-SS-**NNN**-30-008101 811-SS-**NNN**-30-008191

Surface mount SLC connector, very low profile, single row

AVAILABILITY FROM 2 to 10 contacts
(standard number of contacts: 10)



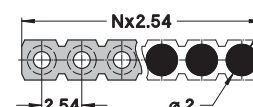
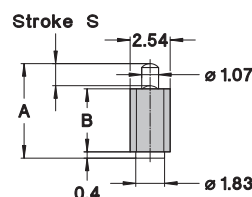
*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

Bulk: **T & R Packaging with pick & place cap*:**

811-SS-**NNN**-30-**XXX**101 811-SS-**NNN**-30-**XXX**191

Surface mount SLC connector, low profile, single row

AVAILABILITY FROM 2 to 10 contacts
(standard number of contacts: 10)



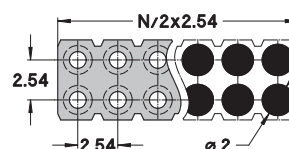
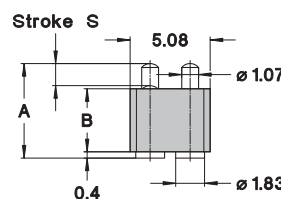
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Bulk: **T & R Packaging with pick & place cap*:**

813-SS-**NNN**-30-**XXX**101 811-SS-**NNN**-30-**XXX**191

Surface mount SLC connector, low profile, double row

AVAILABILITY FROM 4 to 20 contacts
(standard number of contacts: 20)



*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

AVAILABLE CONNECTOR HEIGHTS

INITIAL HEIGHT A (mm)	STROKE S (mm)	PLASTIC BODY HEIGHT B (mm)	XXX CODE
4.5	1.15	2.95	001
5	1.4	2.95	002
5.5	1.4	2.95	003
6	1.4	4	004
6.5	1.4	4	005
7	1.4	4	006
7.5	1.4	4	007