



Spring-loaded connector 2 mm pitch (series 821-823)

preci-dip

Technical specifications

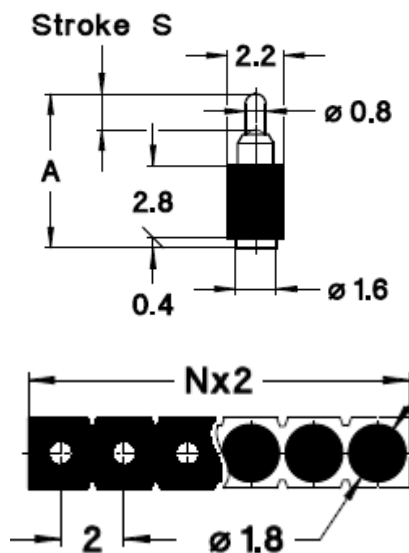
Insulator	Black glass filled polyester PCT-GF30-FR	
Flammability	UL 94V-0	
Piston and barrel	Brass CuZn36Pb3 (C36000)	
Spring	Stainless steel X12CrNi77, DIN 17224	
Max. stroke	1.4 mm	
Forces	0.30 N initial 0.85 N at ½ stroke	
Mechanical life	50'000 cycles	
Operating current	max. 3.5 A continuous / 7A peak	
Contact resistance	10 mΩ (static measurement, halfway position)	
Coplanarity	max. 0.1 mm (measured on 25 mm long connectors)	
SMD terminations		

Ordering information	RoHS compliant parts	
Plating code	Barrel	Piston
S1	0.25 μm gold	0.5 μm gold

821-S1-NNN-30-XXX101

Surface mount SLC connector, low profile,
single row
Availability from 2 to max 12 contacts

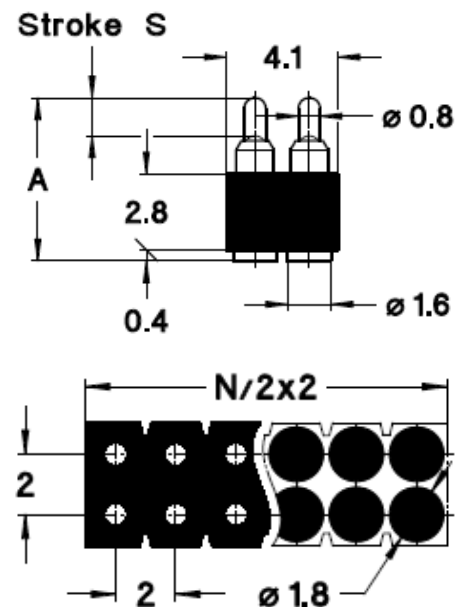
NNN : number of contacts



823-S1-NNN-30-XXX101

Surface mount SLC connector, low profile,
double row
Availability from 4 to max 24 contacts

NNN : number of contacts





preci-dip

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The packaging in Tape & Reel is also available

Available connectors heights

Initial height	Stroke	Plastic body height	XXX code
5	1.1	2.8	012
5.5	1.1	2.8	013
6	1.4	2.8	014
6.5	1.4	2.8	015

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