

Highly flexible jumper with round connecting pins in the pitch of 1.00/1.25 /1.27 /2.00/ 2.54 mm

A cost-saving connecting system available with Nomex or Polyester insulation, if necessary shielded area-covered. Flex-jump connectors are available as plug-in and solder connectors, respectively, depending on the pitch with differently arranged pins and pole numbers.

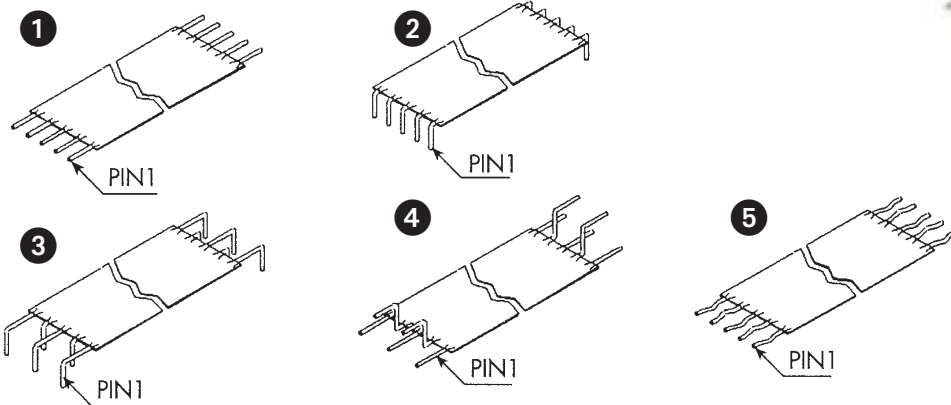
The flexjump connector consists of flat conductors in the insulated section which become round connecting pins at the ends. This gradual transition guarantees a breakproof connecting position. Due to the flat conductors, the flexjump connectors are highly flexible and therefore outstanding in the vibration and reversed bending strength.

The stable round connectors can be soldered or plugged-in, the flat and transition sections provide highest flexibility.

Also in case of higher loading, these types guarantee a vibration and breakproof safe connection. Due to the simple handling, the printed boards can be connected without long preparation before. Plugging-in and soldering: ready for operation.

The connecting pins can be bent in different variations according to the appropriate pitch.

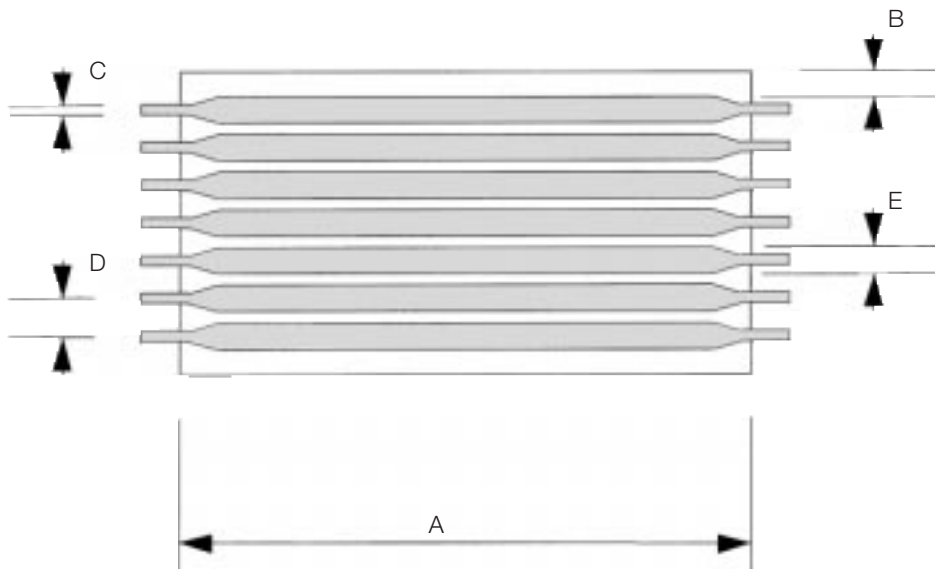
1 to 5 Variations of bending for pins



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Technical Data Flex-Jump Connectors

Operating temperature		-40°C to +105°C (Nomex + 125°C)				
Solder bath temperature		250°C / 4 sec.				
Material of conductor		Cu, tinned				
Marginal insulation in mm	B	0.3 - 1.5				
UL-No.		E 93622 (M)				
Pitch in mm (R)	D	1.00	1.25	1.27	2.0	2.54
Max. current of a conductor in A		1	1.5	1.5	2	3
Pin diameter in mm	C	0.32	0.32	0.32	0.41	0.51
Cross-section of conductor in AWG		AWG 28	AWG 28	AWG 28	AWG 26	AWG 24
Width of flat conductor in mm	E	0.70	0.75	0.75	1.35	1.50
Thickness of flat conductor in mm		0.09	0.10	0.10	0.11	0.12
Nominal voltage		200	200	200	200	300
Electric strength Vmin		700	1100	1100	1500	1500
Number of conductors (N)		1 to 32 poles				
Insulated length in mm (L)	A	12 to 999 mm				
Pin length		3.2 mm or to your choice				



Details for ordering

400 - 50.8 - 10 - 2.54 - 2 - N

"Flex-Jump-Connector" Solder and plug-in connector System 400

Insulated length in mm = L Standard lengths are: 25.4 mm, 50.8 mm, 76.2 mm
but also lengths up to your choice, tolerance ± 2 mm

Number of poles = N

Pitch = 1.00 / 1.25 / 1.27 / 2.00 / 2.54

Pin arrangement:

- 1 = straight
 - 2 = right angled
 - 3 = right angled staggered
 - 4 = in straight direction staggered
 - 5 = with retention legs
- or Adapt System 280

Insulation material: Polyester, Nomex;