

Flex-Jump-Connector
System 400

Your benefits:

- ADAPT Flex-Jump connectors can be used as solder connectors
- Solid round cables are rolled flatly in the area of foil insulation, and offer a direct transition from flat to round
- Vibration-proof and shock-proof even under high stresses
- Easy fitting: connect, solder, finished!
- Low space requirement
- Available pitch: 1.00 / 1.25 / 1.27 / 2.00 / 2.54 / 5.08 mm
- Different insulation materials available (Polyester, Nomex, Polyimide, PEN)
- Easy manual fitting with small pin numbers, additional overmolding of the contact zone possible with compact pitches and high pin numbers
- Shielded versions also available if required
- Wide range of connection types

Order Code:

400 - 50 - 10 - 2.54 - 1 - N

„Flex-Jump-Connectors“ _____
Solder and plug-in connector System 400

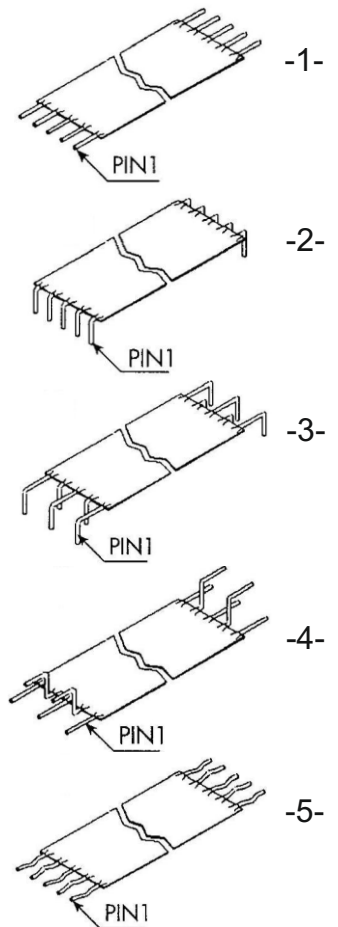
Insulated length in mm _____
Tolerance: +/- 2.0 mm

Number of positions _____

Pitch = 1.0 / 1.25 / 1.27 / 2.00 / 2.54 / 5.08 mm _____

Pin arrangement _____
1 = straight
2 = 90 degree right angle
3 = 90 degree right angle staggered
4 = straight staggered
5 = bended Pins

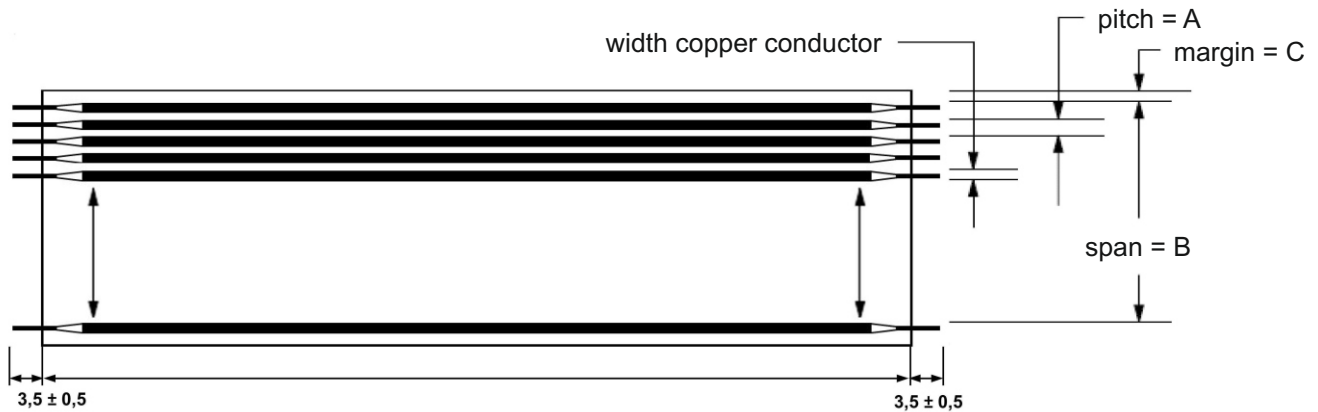
Insulationmaterial: Polyester*, **NOMEX**, Polyimide*, PEN* _____
* on request





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Technical details:



insulation	Polyester	Nomex*	Polyimide	PEN
UL approved (foil)	UL 94 VTM-0	UL 94 V-1	UL 94 V-0	UL 94 VTM-0
operating temperature	-40°C... +105°C		-40°C... +125°C	
soldering temperature	230°C, 4 sec		260°C, 4-6 sec	
dielectric strength DC	2500 V	860V	—	2500V

pitch (tolerance +/- 0,15 mm) A	1,00 mm	1,25 mm	1,27 mm*	2,00 mm*	2,54 mm*	5,08 mm
insulation length mm (tolerance +/- 2,0 mm)	20 - 999					
margin min. mm C	0,3	0,3	0,3	0,3	0,3	0,3
pin diameter mm	0,32	0,32	0,32	0,4	0,51	0,51
American Wire Gauge AWG	28	28	28	26	24	24
flat conductor width mm (tolerance +/- 0,15 mm)	0,7	0,7	0,7	1,0	1,4	1,4
flat conductor thickness µm (tolerance +/- 0,2 µm)	90	110	110	110	130	130
conductor material	Tinned copper (min. 3µm SN)					
current rating at RT	1A	1,5A	1,5A	2A	3A	3A
voltage rating V DC	200	200	200	200	300	300
span B	Number of positions x pitch					

* preferred types