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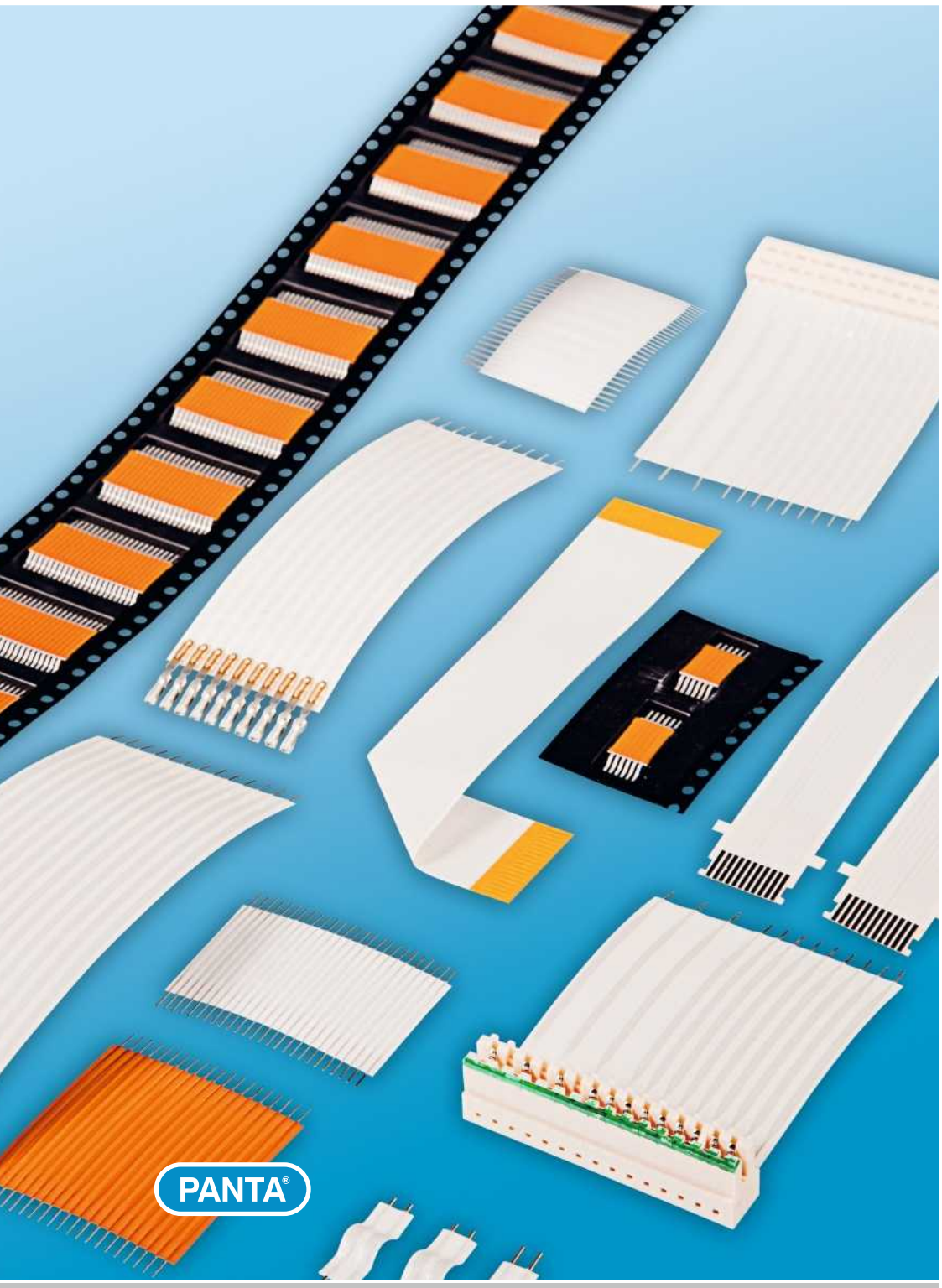

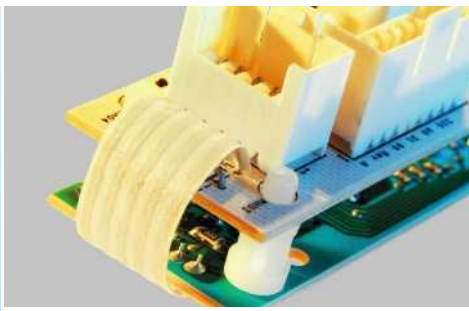

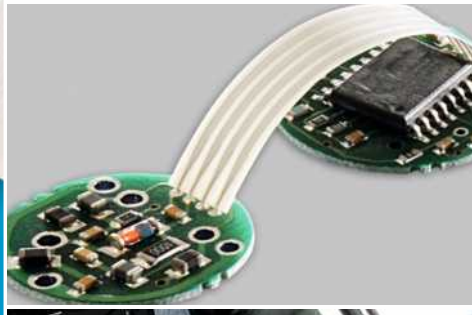

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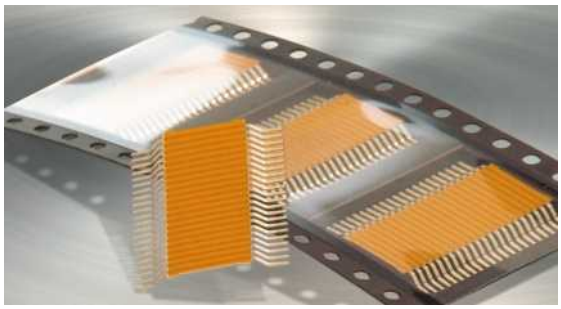
SMD



PRODUCT DESCRIPTION

The PANTA SMD System allows a flexible connection of PCBs.
These products can be automatically placed with standard equipment.
An additional mounting and soldering process of the components is not necessary.

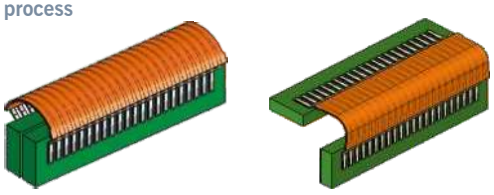
ADVANTAGES

- Automatic placement by SMD assembly machines (Pick&Place capability)
- Can be re-flow soldered
- The SMD connection can be bended up to 180° after the soldering process (fig. 2)
- Use on single and multilayer printed circuit boards
- Operating temperature up to 125°C
- No additional assembly and soldering process necessary
- Cost effective alternative to e.g. flex-rigid printed circuit boards
- Higher flexibility and break resistance compared to step milled PCBs

CHARACTERISTICS

- Pitch: 0.93 mm
- Bridge length: 11.2 mm
- Total length: 15.2 mm
- Number of pins: 4-25 of 0,93mm pitch
- Packaging unit: 1500 pcs. on returnable reel
- Special pitches and other pin counts on request
- Customized SMD solutions available.

1 | Jumper placement for reflow process



2 | Possible post bending options after reflow up to 180°

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SMD

ORDER CODE

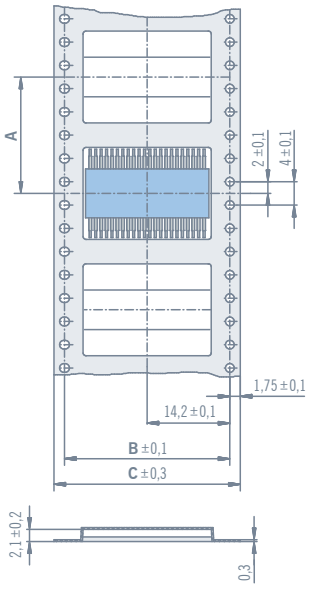
	Number of pins	Pitch e.g. 0,93 mm		Insulation length e.g. 8,3 mm	
SMD -	22	- 093	- K	- 083	- □

Insulation material
K = Polyimide
N = Aramid fiber

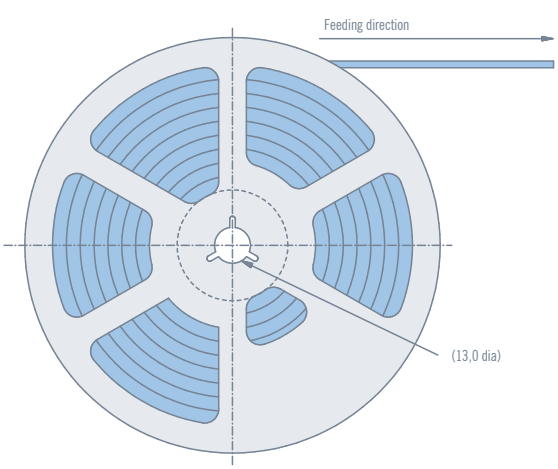
Special designs
on request, drawing required

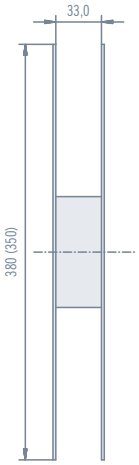
TECHNICAL DATA

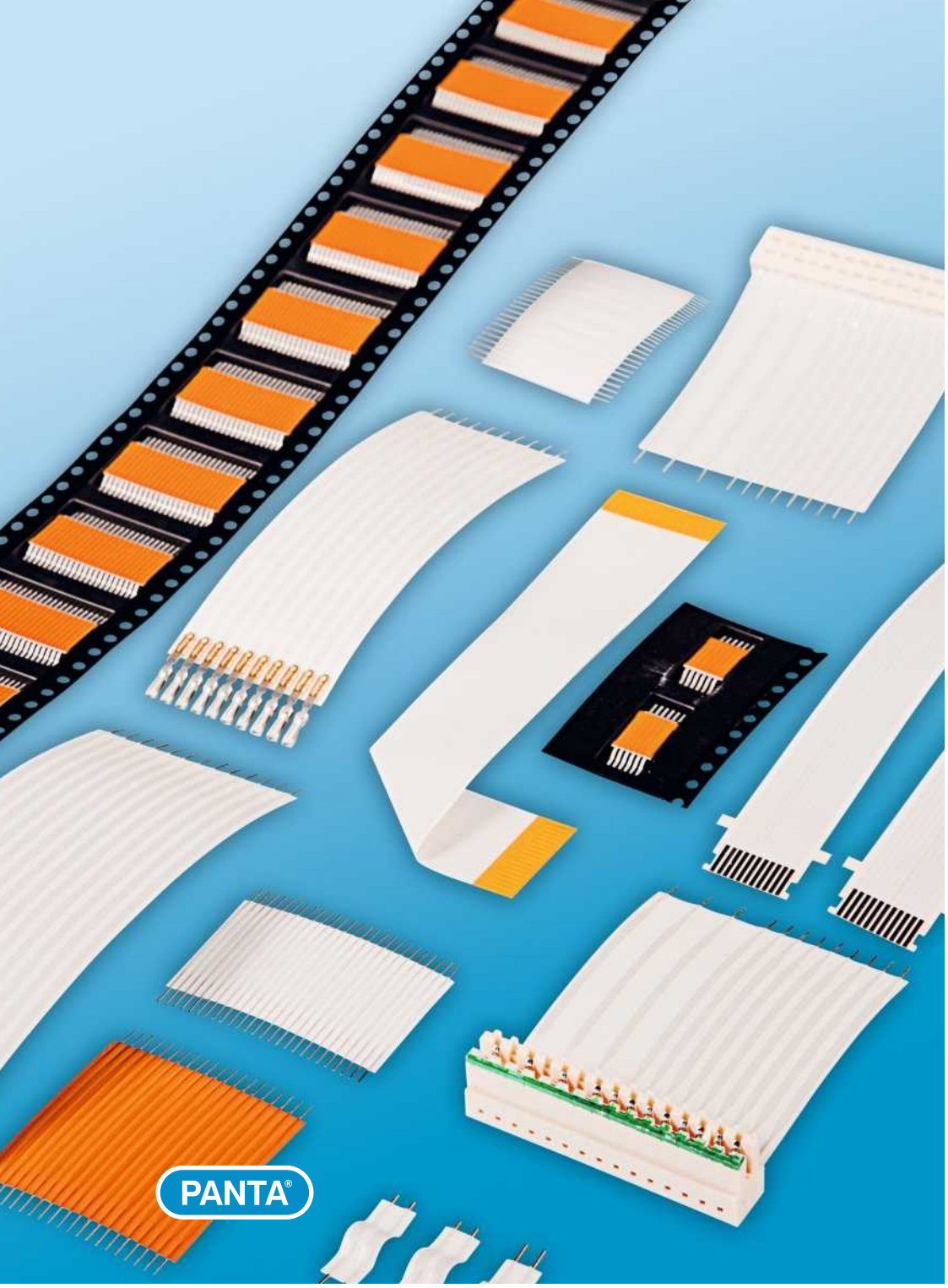
Pitch	mm	0,93
Number of pins		4 - 25
Insulation restistance	Ω	10^8
Complanarity	mm	0,15
Min. bending radius	mm	2,0
Max. bending cycle		5 x 135°
Conductor material		Cu 150 µm Sn
Current rating at 20°C	A	2* (DIN EN 60512-5-2)
Resistance against soldering heat:		IPC / JEDEC J-STD 020 D
Recommended reflow profile		DIN EN 61760
Operation temperature	°C	-40°C to +125°C



packaging examples







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