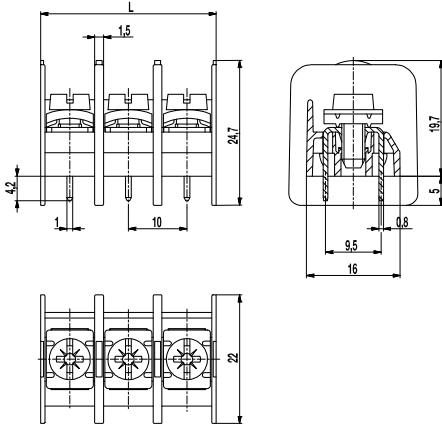


# PCB connector

## 983-UD

Screw connection, 2 solder pins per pole, with surrounding rib



Version with framed ribs to realize larger clearance and creepage distances.  
For wave soldering corresponding slots are necessary in the printed circuit board.

### Part Numbers

No. of poles	983-UD	Length	Pcs
2	20.873.862	20,00	200
3	20.873.863	30,00	200
4	20.873.864	40,00	100
5	20.873.865	50,00	100
6	20.873.866	60,00	100
7	20.873.867	70,00	50

### General Information

Pitch	10 mm
No. of poles	2 - 7
Additional Information	with plus/minus screw, cross recess: Pozidriv



### Technical Data

Clamping Range	<i>solid / flexible / AWG</i> 0,75 - 2,5 mm <sup>2</sup> / 0,75 - 2,5 mm <sup>2</sup> / 18 - 12 AWG
Rated Cross Section	2,5 mm <sup>2</sup>
Wire Stripping Length	8,5 mm
Overvoltage Category	III
Pollution Severity Level	3
Rated Voltage	800 V
Rated Impulse Voltage	8 kV
Rated Insulation Voltage	750 V acc. to EN 60998-1
Rated Current	24 A
Hole in PCB	ø 1,6 mm
Torque	1,2 Nm
Other specifications	Per pole two wires of identical cross-section can be connected.

### Material

Moulding	PA HT, black, V-0
Comparative Tracking Index	CTI 250
Insulating Group	IIIa
Temperature Range	-40°C up to 120°C; temporary max. 260°C
Pressure clamp	Tin plated brass
Screw	M4; zinc plated steel, blue passivated
Solder pin	0,8 x 1,0 mm; tin plated brass

### Approvals

	Current	Voltage	Group	AWG	Nm
	20	600	B, C	20 - 12	1,13
	20	600	B, C	20 - 12	1,13

### Options / Accessories

- 10 mm pin length