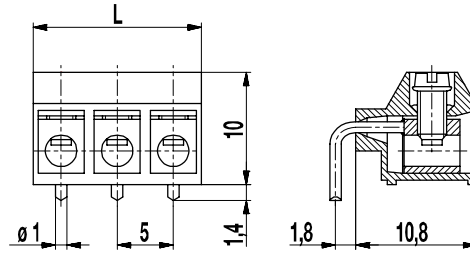


950-LH(-DS)

PCB connector

Screw connection, with angled solder pin, pottable



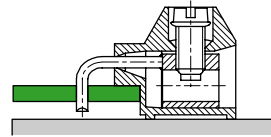
GENERAL INFORMATION

Pitch	5 mm
No. of poles	2 - 12

TECHNICAL DATA

Clamping Range	<i>solid / stranded / AWG</i>		
<i>without wire protector</i>	0,75 - 2,5 mm ² / 0,75 - 2,5 mm ² / 18 - 14 AWG		
<i>with wire protector</i>	0,34 - 2,5 mm ² / 0,34 - 2,5 mm ² / 22 - 14 AWG		
Rated Cross Section	1,5 mm ²		
Wire Stripping Length	6 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	160 V	160 V	320 V
Rated Impulse Voltage	2,5 kV	2,5 kV	2,5 kV
Rated Insulation Voltage	130 V acc. to EN 60998-1		
Rated Current	17,5 A		
Hole in PCB	ø 1,3 mm		
Torque	0,4 Nm		

EXAMPLE OF APPLICATION



By placing the circuit board below the point where the solder pins leaves the housing, a reduction of the effective height can be achieved. Longer terminal pins and another position of the bend upon request.

APPROVALS

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	15	300	B	26 - 14	0,4
	15	300	B	26 - 14	0,4
	Current [A]	Voltage [V]	mm ²		
	17,5	250	1,5		

MATERIAL

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal body	Tin plated brass
Screw	M2,6; zinc plated steel, blue passivated
Solder pin	ø 1 mm; tin plated copper
Wire protector	Tin plated tin bronze

OPTIONS / ACCESSORIES

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00
- Pitch of 10 mm for larger clearance and creepage distance
- Other P.C. pin length and bending positions on request

CONFIGURATIONS

Poles	Part number	Article number	Part number	Article number	Length (L)	Packaging	PU
2	950-LH/02	10.871.452	950-LH-DS/02	20.871.452	10,00 mm	Box	250
3	950-LH/03	10.871.453	950-LH-DS/03	20.871.453	15,00 mm	Box	250
4	950-LH/04	10.871.454	950-LH-DS/04	20.871.454	20,00 mm	Box	200
5	950-LH/05	10.871.455	950-LH-DS/05	20.871.455	25,00 mm	Box	100
6	950-LH/06	10.871.456	950-LH-DS/06	20.871.456	30,00 mm	Box	100

