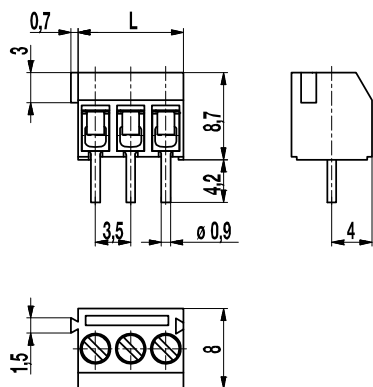


PCB connector

938-T(-DS)

Screw connection, large conductor space, interlocking



The PCB connector 938 with a pitch of 3,5 mm is available in 2- and 3-pole design. Compared to the PCB connector 930, it has a larger conductor space.

It can be mounted side-by-side without pole loss, and is equipped with captive screws.

Lateral latching elements on the housing allow to latch the PCB connector to longer terminal strips without pole loss.

The wire protector of the "DS"-version reliably prevents damage to multi-wire flexible conductors by the turning screw and allows the connection of up to 1.5 mm² flexible conductors.

Part Numbers

| No. of poles | 938-T | 938-T-DS | Length | PU |
|--------------|------------|------------|--------|-----|
| 2 | 10.870.002 | 20.870.002 | 7,00 | 250 |
| 3 | 10.870.003 | 20.870.003 | 10,50 | 250 |

General Information

| | |
|--------------|--------|
| Pitch | 3,5 mm |
| No. of poles | 2 + 3 |

Technical Data

| | | | |
|--------------------------|---|--------|--------|
| Clamping Range | <i>solid / flexible / AWG</i> | | |
| | <i>without wire protector</i> 0,75 - 1,5 mm ² / 0,75 - 1,5 mm ² / 18 - 16 AWG | | |
| | <i>with wire protector</i> 0,34 - 1,5 mm ² / 0,34 - 1,5 mm ² / 22 - 16 AWG | | |
| Rated Cross Section | 1 mm ² | | |
| Wire Stripping Length | 5 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 | 13,5 A | | |
| Hole in PCB | ø 1,2 mm | | |
| Torque | 0,2 Nm | | |

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; zinc plated steel, blue passivated |
| Solder pin | ø 0,9 mm; tin plated brass |
| Wire protector | German silver |

Approvals

| | Current | Voltage | Group | AWG | Nm |
|--|---------|---------|-------|---------|------|
| | 10 | 300 | B | 26 - 16 | 0,23 |
| | 10 | 300 | D | 26 - 16 | 0,2 |

Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-3,50
- Pitch of 7 mm for larger clearance and creepage distances