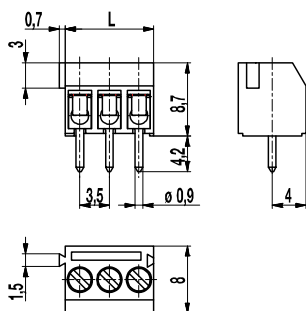


## PCB connector

### 930-T(-DS)

Screw connection, interlocking



Series 930 Mini PCB connectors are designed with a pitch of 3,5 mm. Lateral locking elements allow mounting them in any required pole configuration while maintaining pitch. All designs come with captive screws. DS-types are provided with wire protection which reliably prevents damage to flexible conductors.

#### Part Numbers

| No. of poles | 930-T      | 930-T-DS   | Length | Pcs |
|--------------|------------|------------|--------|-----|
| 2            | 30.870.002 | 40.870.002 | 7,00   | 250 |
| 3            | 30.870.003 | 40.870.003 | 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 <sup>2</sup> / 0,75 - 1,5 mm <sup>2</sup> / 18 - 16 AWG |        |
|                          | <i>with wire protector</i>    | 0,34 - 1,5 mm <sup>2</sup> / 0,34 - 1 mm <sup>2</sup> / 22 - 16 AWG   |        |
| Rated Cross Section      | 1 mm <sup>2</sup>             |   |        |
| 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     | B     | 26 - 16 | 0,2  |

#### Options / Accessories

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