

**PKB 950, 955**

11207.1

PKB 950/2/5,00, 2 pole Plug-in PCB connector

**PRODUCT DESCRIPTION****TECHNICAL DATA****GENERAL DATA**

|                 |                   |
|-----------------|-------------------|
| Type            | Plug-in connector |
| Pitch           | 5 mm              |
| Colour          | Green             |
| Number of poles | 2                 |
| Approvals       | UL, cUL, VDE      |

**RATINGS**

|                       |                     |
|-----------------------|---------------------|
| Rated current         | 12 A                |
| Rated voltage         | 250 V               |
| Rated cross section   | 2,5 mm <sup>2</sup> |
| Rated impulse voltage | 4 kV                |
| Overvoltage category  | III                 |
| Contamination degree  | 3                   |

**DIMENSIONS**

|            |         |
|------------|---------|
| Length     | 15 mm   |
| Width      | 10 mm   |
| Height     | 17,3 mm |
| Width left | 2,5 mm  |

|             |        |
|-------------|--------|
| Width right | 2,5 mm |
|-------------|--------|

## CONNECTION DATA

|  |                      |
|--|----------------------|
| Connector type/principle                 | Screw                |
| Contact version                          | Female connector     |
| Connector version                        | Pluggable            |
| Number of plugin rows                    | 1                    |
| Cross section single wire from           | 0,2 mm <sup>2</sup>  |
| Cross section single wire to             | 4 mm <sup>2</sup>    |
| Cross section stranded wire from         | 0,2 mm <sup>2</sup>  |
| Cross section stranded with ferrule to   | 2,5 mm <sup>2</sup>  |
| Cross section stranded wire to           | 2,5 mm <sup>2</sup>  |
| Cross section stranded with ferrule from | 0,25 mm <sup>2</sup> |
| Rated wire cross section to (AWG)        | 12                   |
| Rated wire cross section from (AWG)      | 22                   |
| Stripping length                         | 6 mm                 |
| Screw size                               | M 3                  |
| Torque                                   | 0,5 Nm               |

## MATERIALS

|                            |               |
|----------------------------|---------------|
| Housing material           | Polyamide 6.6 |
| Flammability class         | UL94-V0       |
| Operating temperature from | -30 °C        |
| Operating temperature to   | 105 °C        |
| Contact spring             | Bronze        |
| Screw material             | Steel         |
| Clamp material             | Brass         |

## APPROVALS

|                   |                 |
|-------------------|-----------------|
| UL test standard  | UL 1059         |
| Rated voltage UL  | 300 V           |
| Rated current UL  | 15 A            |
| cUL test standard | CSA 22.2 No.158 |
| Rated voltage cUL | 300 V           |
| Rated current cUL | 15 A            |
| VDE test standard | DIN EN 61984    |

|                   |       |
|-------------------|-------|
| Rated voltage VDE | 250 V |
| Rated current VDE | 12 A  |

## ADDITIONAL DATA

|                                       |   |
|---------------------------------------|---|
| Glow wire ignition temperature (GWIT) | GWIT 775                                  |
| Insulation resistance                 | $1 \cdot 10^{13} \Omega \times \text{cm}$ |
| Pack size                             | 50  |
| Angle of wire connection/contact      | 0°/180° (horizontal)                      |
| Country of origin                     | QU  |
| Tariff code                           | 85366990                                  |
| Glow wire flammability index (GWFI)   | GWFI 850                                  |
| Weight                                | 3,1 g                                     |
| GWFI after-glow time                  | 30 s                                      |
| Plug-in cycles acc. to standard       | 100                                       |
| GWIT exposure time                    | 5 s                                       |
| Current creepage resistance           | CTI 600                                   |
| Connection cycles acc. to standard    | 5   |

