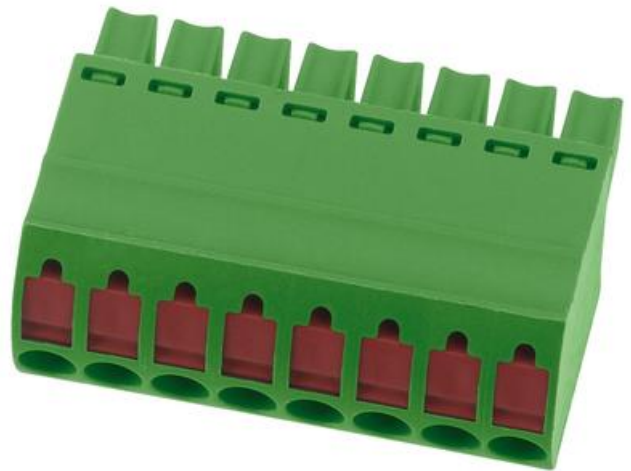


PFBZ 4551/4561

14000.1

PFBZ 4551/2/3,81-KD GN

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

| | |
|-----------------|-------------------|
| Type | Plug-in connector |
| Pitch | 3,81 mm |
| Colour | Green |
| Number of poles | 2 |
| Approvals | UL, cUL, VDE |

RATINGS

| | |
|-----------------------|---------------------|
| Rated current | 10 A |
| Rated voltage | 160 V |
| Rated cross section | 1,5 mm ² |
| Rated impulse voltage | 2,5 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

DIMENSIONS

| | |
|------------|----------|
| Length | 11,3 mm |
| Width | 7,62 mm |
| Height | 21,1 mm |
| Width left | 1,905 mm |

| | |
|-------------|----------|
| Width right | 1,905 mm |
|-------------|----------|

CONNECTION DATA

| | |
|--|----------------------|
| Connector type/principle | Push-in |
| Contact version | Female connector |
| Connector version | Pluggable |
| Number of plugin rows | 1 |
| Cross section single wire from | 0,14 mm ² |
| Cross section single wire to | 2,5 mm ² |
| Cross section stranded wire from | 0,14 mm ² |
| Cross section stranded with ferrule to | 1 mm ² |
| Cross section stranded wire to | 1,5 mm ² |
| Cross section stranded with ferrule from | 0,25 mm ² |
| Rated wire cross section to (AWG) | 16 |
| Rated wire cross section from (AWG) | 26 |
| Stripping length | 11 mm |

MATERIALS

| | |
|----------------------------|-----------------|
| Housing material | Polyamide 6.6 |
| Flammability class | UL94-V0 |
| Operating temperature from | -30 °C |
| Operating temperature to | 105 °C |
| Contact spring | Copper alloy |
| Terminal spring | Stainless steel |

APPROVALS

| | |
|-------------------|-----------------|
| UL test standard | UL 1059 |
| Rated voltage UL | 300 V |
| Rated current UL | 10 A |
| cUL test standard | CSA 22.2 No.158 |
| Rated voltage cUL | 300 V |
| Rated current cUL | 10 A |
| VDE test standard | DIN EN 61984 |
| Rated voltage VDE | 160 V |
| Rated current VDE | 10 A |

ADDITIONAL DATA

| | |
|--|---------------------------|
| Glow wire ignition temperature (GWIT) | GWIT 775 |
| Insulation resistance | 1*10 ¹³ Ω x 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 | 1,5 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 |

