



## SMD Connectors

### SMDflat 545/ 1

#### Order Info

|                             |                    |
|-----------------------------|--------------------|
| reference number (ref. no.) | 351401             |
| PU                          | 720 (tape-on-reel) |
| EAN                         | 4028012121779      |



#### Type

|                 |                |
|-----------------|----------------|
| Type            | Terminal Block |
| connection type | push-in        |
| number of poles | 1 pole         |
| colour          | white          |

#### Electrical Data

|                       |        |
|-----------------------|--------|
| rated voltage         | 500 V  |
| rated current         | 16 A   |
| rated impulse voltage | 2.5 kV |

#### Connection Data

|                           |                                |
|---------------------------|--------------------------------|
| cross-section rating (UL) | 20-14 AWG                      |
| clamping range            | 0.5 - 2.5 mm <sup>2</sup>      |
| type of conductor         | fine stranded, stranded, solid |
| stripping length          | 9.0 - 10.0 mm                  |
| clamping units per pole   | 1                              |
| pin spacing               | 6.0 mm                         |

#### Ambient Conditions

|                                                 |        |
|-------------------------------------------------|--------|
| T <sub>max</sub> ambient air (at rated current) | 85 °C  |
| T <sub>max</sub> component (operation)          | 150 °C |
| T <sub>min</sub> component (operation)          | -40 °C |
| ammonia resistance                              | yes    |

#### Materials

|                                   |                      |
|-----------------------------------|----------------------|
| insulator material                | PPA-GF               |
| contact material                  | spring steel, copper |
| flammability rating acc. to UL 94 | V-0                  |

## Approvals