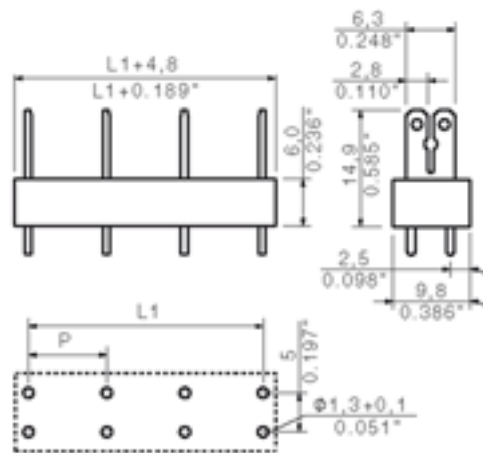
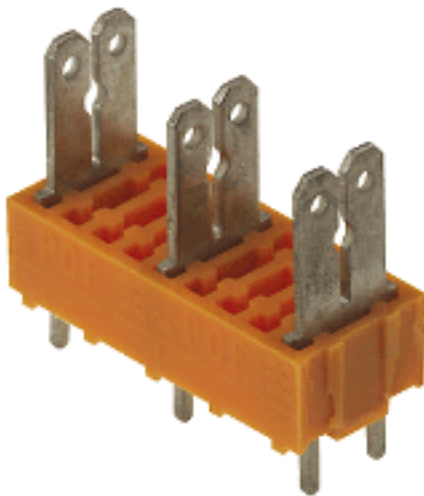




#### General ordering data

|                  |                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------|
| Order No.        | 9500750000                                                                                            |
| Part designation | PCF 10.00/2/180 3.5 OR                                                                                |
| Version          | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 2, 180°, Box |
| EAN              | 4008190191771                                                                                         |
| Qty.             | 100 pc(s).                                                                                            |

#### System parameters

|                                 |                       |
|---------------------------------|-----------------------|
| Product family                  | System PCF            |
| Conductor connection system     | Flat-blade connection |
| Fitted to PCB                   | Soldered connection   |
| Outgoing direction of conductor | 180°                  |
| Pitch                           | 10 mm                 |
| Pitch in inch                   | 0.394 inch            |
| No. of poles                    | 2                     |
| Fitted by customer              | no                    |
| No. of rows                     | 1                     |
| Solder pin length               | 3.5 mm                |
| Dia. of fitting hole            | 1.3 mm                |
| Fitting hole tolerance          | + 0.1 mm              |
| No. of solder pins per pole     | 2                     |
| L1 in mm                        | 10 mm                 |

**System parameters**

|                                           |            |
|-------------------------------------------|------------|
| L1 in inch                                | 0.394 inch |
| Electric shock protection to DIN VDE 0470 | IP 00      |

**Material data**

|                           |                     |
|---------------------------|---------------------|
| Insulating material       | PA                  |
| Colour                    | orange              |
| colour chart              | Similar to RAL 2000 |
| Insulating material group | I                   |
| Flammability class UL 94  | V-2                 |
| CTI                       | >= 600              |
| Contact base material     | CuSn                |
| Contact surface           | tinned              |
| Storage temperature, min. | -25 °C              |
| Storage temperature, max. | 55 °C               |

**DIN IEC rating data**

|                                                                                |                  |
|--------------------------------------------------------------------------------|------------------|
| Rated current, min. No. pins (Tu=20°C)                                         | 24 A             |
| Rated current, max. No. pins (Tu=20°C)                                         | 26 A             |
| Rated current, min. No. pins (Tu=40°C)                                         | 24 A             |
| Rated current, max. No. pins (Tu=40°C)                                         | 22 A             |
| Rated voltage for overvoltage class/pollution severity II/2                    | 1,000 V          |
| Rated voltage for overvoltage class/pollution severity III/2                   | 690 V            |
| Rated voltage for overvoltage class/pollution severity III/3                   | 690 V            |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2  | 6 kV             |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 6 kV             |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 6 kV             |
| Short-time withstand current resistance                                        | 3 x 1s mit 192 A |

**CSA rating data**

|                             |       |
|-----------------------------|-------|
| Rated current (Use group C) | 15 A  |
| Rated voltage (Use group C) | 300 V |
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A  |

**UL 1059 rating data**

|                             |       |
|-----------------------------|-------|
| Rated voltage (Use group C) | 300 V |
| Rated current (Use group C) | 15 A  |
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A  |

**Approvals**

Approvals institutes

**Classifications**

|            |          |
|------------|----------|
| ETIM 2.0   | NK       |
| ETIM 3.0   | EC001284 |
| eClass 4.1 | NK       |
| eClass 5.0 | NK       |
| eClass 5.1 | NK       |

**Similar products**

| Order No.  | Part designation        | Version                                                                                                |
|------------|-------------------------|--------------------------------------------------------------------------------------------------------|
| 9500760000 | PCF 10.00/3/180 3.5 OR  | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 3, 180°, Box  |
| 9500770000 | PCF 10.00/4/180 3.5 OR  | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 4, 180°, Box  |
| 9500780000 | PCF 10.00/5/180 3.5 OR  | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 5, 180°, Box  |
| 9500790000 | PCF 10.00/6/180 3.5 OR  | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 6, 180°, Box  |
| 9500810000 | PCF 10.00/7/180 3.5 OR  | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 7, 180°, Box  |
| 9500820000 | PCF 10.00/8/180 3.5 OR  | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 8, 180°, Box  |
| 9500830000 | PCF 10.00/9/180 3.5 OR  | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 9, 180°, Box  |
| 9500840000 | PCF 10.00/10/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 10, 180°, Box |