

**General ordering data**

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| Order No. | 9500550000 |
| Part designation | PCF 5.00/15/180 3.5 OR |
| Version | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 15, 180°, Box |
| EAN | 4008190191603 |
| Qty. | 50 pc(s). |

System parameters

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|-------------------------------------------|-----------------------|
| Product family | System PCF |
| Conductor connection system | Flat-blade connection |
| Fitted to PCB | Soldered connection |
| Outgoing direction of conductor | 180° |
| Pitch | 5 mm |
| Pitch in inch | 0.197 inch |
| No. of poles | 15 |
| 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 | 70 mm |
| L1 in inch | 2.756 inch |
| Electric shock protection to DIN VDE 0470 | IP 00 |

Material data

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|---------------------------|---------------------|
| 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 |

Material data

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|---------------------------|--------|
| Contact surface | tinned |
| Storage temperature, min. | -20 °C |
| Storage temperature, max. | 55 °C |

DIN IEC rating data

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|--------------------------------------------------------------------------------|------------------|
| Rated current, min. No. pins (Tu=20°C) | 24 A |
| Rated current, max. No. pins (Tu=20°C) | 21 A |
| Rated current, min. No. pins (Tu=40°C) | 24 A |
| Rated current, max. No. pins (Tu=40°C) | 18 A |
| Rated voltage for overvoltage class/pollution severity II/2 | 630 V |
| Rated voltage for overvoltage class/pollution severity III/2 | 320 V |
| Rated voltage for overvoltage class/pollution severity III/3 | 250 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 4 kV |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 4 kV |
| Short-time withstand current resistance | 3 x 1s mit 192 A |

CSA rating data

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

UL 1059 rating data

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

Approvals

Approvals institutes

**Classifications**

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

Classifications

| | |
|------------|----|
| eClass 5.0 | NK |
| eClass 5.1 | NK |

Similar products

| Order No. | Part designation | Version |
|------------|------------------------|-------------------------------------------------------------------------------------------------------|
| 9500410000 | PCF 5.00/2/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 2, 180°, Box |
| 9500420000 | PCF 5.00/3/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 3, 180°, Box |
| 9500430000 | PCF 5.00/4/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box |
| 9500440000 | PCF 5.00/5/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 5, 180°, Box |
| 9500450000 | PCF 5.00/6/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box |
| 9500460000 | PCF 5.00/7/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 7, 180°, Box |
| 9500470000 | PCF 5.00/8/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box |
| 9500480000 | PCF 5.00/9/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box |
| 9500490000 | PCF 5.00/10/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box |
| 9500510000 | PCF 5.00/11/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 11, 180°, Box |
| 9500520000 | PCF 5.00/12/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box |
| 9500530000 | PCF 5.00/13/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 13, 180°, Box |
| 9500540000 | PCF 5.00/14/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box |
| 9500560000 | PCF 5.00/16/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box |
| 9500570000 | PCF 5.00/17/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 17, 180°, Box |
| 9500580000 | PCF 5.00/18/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box |
| 9500590000 | PCF 5.00/19/180 3.5 OR | PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 19, 180°, Box |