



#### General ordering data

Order No.	9500580000
Part designation	PCF 5.00/18/180 3.5 OR
Version	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
EAN	4008190191634
Qty.	50 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	5 mm
Pitch in inch	0.197 inch
No. of poles	18
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	85 mm

**System parameters**

L1 in inch	3.346 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.	-20 °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)	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**

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

**UL 1059 rating data**

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
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
9500550000	PCF 5.00/15/180 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 15, 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
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