



General ordering data

Order No.	9500780000
Part designation	PCF 10.00/5/180 3.5 OR
Version	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 5, 180°, Box
EAN	4008190191801
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	5
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	40 mm

System parameters

L1 in inch	1.575 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
9500750000	PCF 10.00/2/180 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 10.00 mm, No. of poles: 2, 180°, Box
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
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