



General ordering data

Order No.	9500450000
Part designation	PCF 5.00/6/180 3.5 OR
Version	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
EAN	4008190549305
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	5 mm
Pitch in inch	0.197 inch
No. of poles	6
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	25 mm

System parameters

L1 in inch	0.984 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
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
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