



General ordering data

Order No.	9511950000
Part designation	PCF 5.00/18/135 3.5 OR
Version	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 135°, Box
EAN	4008190558109
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	135°
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
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

Material data

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

**Downloads**

CAD Library (P-CAD Format - Standard)	PCF.LIB
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Classifications

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
9511790000	PCF 5.00/2/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 2, 135°, Box
9511800000	PCF 5.00/3/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 3, 135°, Box
9511810000	PCF 5.00/4/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 135°, Box
9511820000	PCF 5.00/5/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 5, 135°, Box
9511830000	PCF 5.00/6/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 135°, Box
9511840000	PCF 5.00/7/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 7, 135°, Box
9511850000	PCF 5.00/8/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 8, 135°, Box
9511860000	PCF 5.00/9/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 135°, Box
9511870000	PCF 5.00/10/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 10, 135°, Box
9511880000	PCF 5.00/11/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 11, 135°, Box
9511890000	PCF 5.00/12/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 135°, Box
9511900000	PCF 5.00/13/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 13, 135°, Box
9511910000	PCF 5.00/14/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 14, 135°, Box
9511920000	PCF 5.00/15/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 15, 135°, Box
9511930000	PCF 5.00/16/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 16, 135°, Box
9511940000	PCF 5.00/17/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 17, 135°, Box
9511960000	PCF 5.00/19/135 3.5 OR	PCB terminal, Flat-blade connection, Soldered connection, Pitch: 5.00 mm, No. of poles: 19, 135°, Box