





General ordering data	
Order No.	1013430000
Part designation	BLF 5.08/02/180 SN BK BX
Version	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 2, 180°, Box
EAN	4032248721580
Qty.	180 pc(s).
Packaging	Box

System parameters	
Conductor connection system	PUSH IN
Outgoing direction of conductor	180°
Pitch in mm	5.08 mm
Pitch in inch	0.2 inch
No. of poles	2
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Stripping length	10 mm
L1 in mm	5.08 mm
L1 in inch	0.2 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 57 106	Safe from finger touch

Material data	
Insulating material	PBT
Colour	black
colour chart	Similar to RAL 9011
Flammability class UL 94	V-0
Contact material	CuSn
Contact surface	tinned
Contact base material	CuSn

Connectable conductors	
Clamping range, min.	0.13 mm²
Clamping range, max.	3.31 mm²
Conductor connection cross-section AWG, min.	AWG 26
Conductor connection cross-section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm²
Solid, max. H05(07) V-U	2.5 mm²
Stranded, max. H07V-R	2 mm²
Stranded, min. H07V-R	0 mm²
Flexible, min. H05(07) V-K	0.2 mm²
Flexible, max. H05(07) V-K	2.5 mm²
w. wire end ferrule, DIN 46228 pt 1, min	0.2 mm²
with wire end ferrule, DIN 46228 pt 1, max.	2.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm²
with plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm²
Gauge to EN 60999 a x b; ø	2.4 mm x 1.5 mm

DIN IEC rating data	
Rated current, min. No. of poles (Tu=20°C)	18.5 A
Rated current, max. No. of poles (Tu=20°C)	6 A
Rated current, no. of poles (Tu=40°C), min.	12.5 A
Rated current, no. of poles (Tu=40°C), max.	6 A
Rated voltage for overvoltage class/pollution severity II/2	400 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage at overvoltage category/pollution degree 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 with 120 A

Approvals	
Approvals institutes	CSA; CURUS

Classifications	
eClass 6.0	27-26-07-08

Notes	
Notes	

Similar products

Order No.	Part designation	Version
1013680000	BLF 5.08/02/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 2, 180°, Box

1013440000	BLF 5.08/03/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 3, 180°, Box
1013690000	BLF 5.08/03/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 3, 180°, Box
1013450000	BLF 5.08/04/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 4, 180°, Box
1013710000	BLF 5.08/04/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 4, 180°, Box
1013460000	BLF 5.08/05/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 5, 180°, Box
1013720000	BLF 5.08/05/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 5, 180°, Box
1013470000	BLF 5.08/06/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 6, 180°, Box
1013730000	BLF 5.08/06/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 6, 180°, Box
1013480000	BLF 5.08/07/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 7, 180°, Box
1013740000	BLF 5.08/07/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 7, 180°, Box
1013490000	BLF 5.08/08/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 8, 180°, Box
1013750000	BLF 5.08/08/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 8, 180°, Box
1013510000	BLF 5.08/09/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 9, 180°, Box
1013760000	BLF 5.08/09/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 9, 180°, Box
1013520000	BLF 5.08/10/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 10, 180°, Box
1013770000	BLF 5.08/10/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 10, 180°, Box
1013530000	BLF 5.08/11/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 11, 180°, Box
1013780000	BLF 5.08/11/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 11, 180°, Box
1013540000	BLF 5.08/12/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 12, 180°, Box
1013790000	BLF 5.08/12/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 12, 180°, Box
1013550000	BLF 5.08/13/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 13, 180°, Box
1013810000	BLF 5.08/13/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 13, 180°, Box
1013560000	BLF 5.08/14/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 14, 180°, Box
1013820000	BLF 5.08/14/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 14, 180°, Box
1013570000	BLF 5.08/15/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 15, 180°, Box
1013830000	BLF 5.08/15/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 15, 180°, Box

1013580000	BLF 5.08/16/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 16, 180°, Box
1013840000	BLF 5.08/16/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 16, 180°, Box
1013590000	BLF 5.08/17/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 17, 180°, Box
1013850000	BLF 5.08/17/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 17, 180°, Box
1013610000	BLF 5.08/18/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 18, 180°, Box
1013860000	BLF 5.08/18/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 18, 180°, Box
1013620000	BLF 5.08/19/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 19, 180°, Box
1013870000	BLF 5.08/19/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 19, 180°, Box
1013630000	BLF 5.08/20/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 20, 180°, Box
1013880000	BLF 5.08/20/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 20, 180°, Box
1013640000	BLF 5.08/21/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 21, 180°, Box
1013890000	BLF 5.08/21/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 21, 180°, Box
1013650000	BLF 5.08/22/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 22, 180°, Box
1013910000	BLF 5.08/22/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 22, 180°, Box
1013660000	BLF 5.08/23/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 23, 180°, Box
1013920000	BLF 5.08/23/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 23, 180°, Box
1013670000	BLF 5.08/24/180 SN BK BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 24, 180°, Box
1013930000	BLF 5.08/24/180 SN OR BX	PCB plug-in connector, PUSH IN, Clamping range, max.: 3.31 mm², Pitch in mm: 5.08 mm, No. of poles: 24, 180°, Box