



General ordering data

Order No.	1065110000
Part designation	BLDF 5.08/07/180F
Version	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
EAN	4032248817832
Qty.	50 pc(s).

System parameters

Conductor connection system	Push In
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	7
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Stripping length	10 mm
L1 in mm	30.48 mm
L1 in inch	1.2 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data

Insulating material	PBT
Colour	orange
Insulating material group	IIIa
Flammability class UL 94	V-0
Contact base material	CuSn
Contact surface	tinned

Connectable conductors

Clamping range, min.	0.13 mm ²
Clamping range, max.	3.31 mm ²

Connectable conductors

AWG, min.	26
AWG, max.	12
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²
Stranded, min. H07V-R	0 mm ²
Stranded, max. H07V-R	2 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	2.5 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.2 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
Gauge to EN 60999 a x b; ø	2.4 mm x 1.5 mm;

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	18.5 A
Rated current, max. No. pins (Tu=20°C)	6 A
Rated current, min. No. pins (Tu=40°C)	12.5 A
Rated current, max. No. pins (Tu=40°C)	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 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 with 120 A

Similar products

Order No.	Part designation	Version
1001220000	BLDF 5.08/02/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1000930000	BLDF 5.08/02/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1000950000	BLDF 5.08/03/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1012060000	BLDF 5.08/03/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1000960000	BLDF 5.08/04/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1059420000	BLDF 5.08/04/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 4, 180°, Box

1000970000	BLDF 5.08/05/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1065080000	BLDF 5.08/05/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1000980000	BLDF 5.08/06/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1065090000	BLDF 5.08/06/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1000990000	BLDF 5.08/07/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1065120000	BLDF 5.08/08/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1001000000	BLDF 5.08/08/180F	PCB plug-in connector, Female connectors, Push In, Clamping range, max.: 3.31 mm ² , Pitch: 5.08 mm, No. of poles: 8, 180°, Box