



General ordering data

Order No.	1048990000
Part designation	SL 7.62HP/06/180G 3.2 SN BK BX
EAN	4032248786961
Qty.	50 pc(s).

System parameters

Outgoing elbow	180°
Pitch	7.62 mm
Pitch in inch	0.3 inch
No. of poles	6
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	1
No. of solder pins per pole	2
Fitting hole tolerance	+ 0.1 mm
L1 in mm	38.1 mm
L1 in inch	1.5 inch
Insulation resistance	1 MΩ
Electric shock protection to DIN VDE 0470	IP20 plugged
Electric shock protection to DIN VDE 0470	Safe from finger touch, plugged

Material data

Insulating material	PBT
Colour	black
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 200
Contact base material	Copper alloy
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %

Material data

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	29 A
Rated current, max. No. pins (Tu=20°C)	26 A
Rated current, min. No. pins (Tu=40°C)	25 A
Rated current, max. No. pins (Tu=40°C)	22 A
Rated voltage for overvoltage class/pollution severity III/3	400 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Rated voltage for overvoltage class/pollution severity III/2	500 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	6 kV
Rated voltage for overvoltage class/pollution severity II/2	630 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	6 kV
Short-time withstand current resistance	3 x 1s with 180 A

CSA rating data

Rated voltage (Use group C)	300 V
Rated current (Use group C)	15 A
Rated voltage (Use group D)	600 V
Rated current (Use group D)	5 A

UL 1059 rating data

Rated voltage (Use group C)	300 V
Rated current (Use group C)	15 A
Rated voltage (Use group D)	600 V
Rated current (Use group D)	5 A

Similar products

Order No.	Part designation	Version
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1048870000	SL7.62HP/02/180G 3.2 SN OR BX
1048880000	SL7.62HP/03/180G 3.2 SN OR BX
1048890000	SL7.62HP/04/180G 3.2 SN OR BX
1048900000	SL7.62HP/05/180G 3.2 SN OR BX
1048980000	SL 7.62HP/05/180G 3.2 SN BK BX
1048910000	SL7.62HP/06/180G 3.2 SN OR BX
1048920000	SL7.62HP/07/180G 3.2 SN OR BX
1048930000	SL7.62HP/08/180G 3.2 SN OR BX
1049000000	SL 7.62HP/08/180G 3.2 SN BK BX
1048940000	SL7.62HP/09/180G 3.2 SN OR BX
1048950000	SL7.62HP/10/180G 3.2 SN OR BX
1048960000	SL7.62HP/11/180G 3.2 SN OR BX
1048970000	SL7.62HP/12/180G 3.2 SN OR BX