



General ordering data

Order No. Part designation Version

EAN Qty.

System parameters

Fitted to PCB Outgoing elbow Pitch Pitch in inch No. of poles Solder pin length Can be coded No. of rows No. of solder pins per pole Dia. of fitting hole Fitting hole tolerance L1 in mm L1 in inch Insulation resistance 1604840000 SL 3.5/9/180 3.2SN OR PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 9, 180°, Box 4008190093006 50 pc(s).

Soldered connection
180°
3.5 mm
0.138 inch
9
3.2 mm
Yes
1
1
1.3 mm
+ 0.1 mm
28 mm
1.102 inch
1 ΜΩ



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System parameters	
Electric shock protection to DIN VDE 0470	IP 10
Electric shock protection to DIN VDE 0470	Safe from back-of-hand touch
Material data	
	PBT
Insulating material Colour	
colour chart	orange Similar to RAL 2000
Insulating material group	IIIa V-0
Flammability class UL 94 CTI	>= 200
Contact base material	CuSn
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 %
Max. Telative humany during storage	
DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	17 A
Rated current, max. No. pins (Tu=20°C)	12 A
Rated current, min. No. pins(Tu=40°C)	14.5 A
Rated current, max. No. pins (Tu=40°C)	10 A
Rated voltage for overvoltage class/pollution	160 V
severity III/3	
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity III/3	
Rated voltage for overvoltage class/pollution	160 V
severity III/2	
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity III/2	
Rated voltage for overvoltage class/pollution	320 V
severity II/2	
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity II/2	
Short-time withstand current resistance	3 x 1s with 100 A
CSA rating data	200.1/
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 voltage (Use group D) Rated current (Use group D)	10 A
Rated current (Use group D)	IU A



Approvals

Approvals institutes





Downloads	
CAD Library (P-CAD Format - Standard)	SL.LIB
Classifications	
ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	27-26-07-01
eClass 5.0	27-26-07-01
eClass 5.1	27-26-07-04

Similar products

1604770000	SL 3.5/2/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 2, 180°, Box
1604780000	SL 3.5/3/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 3, 180°, Box
1604790000	SL 3.5/4/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 4, 180°, Box
1604800000	SL 3.5/5/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 5, 180°, Box
1604810000	SL 3.5/6/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1604820000	SL 3.5/7/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 7, 180°, Box
1604830000	SL 3.5/8/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1604850000	SL 3.5/10/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1604860000	SL 3.5/11/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 11, 180°, Box
1604870000	SL 3.5/12/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box



Product catalogue | PCB connection systems | PCB plug-in connectors | Pitch 3.50 mm (0.138 inch) | Plug connectors, solder connection, pitch 3.5 | SL 3.5/180 | SL 3.5/180

1604880000	SL 3.5/13/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 13, 180°, Box
1604890000	SL 3.5/14/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1604900000	SL 3.5/15/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 15, 180°, Box
1604910000	SL 3.5/16/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1621400000	SL 3.5/17/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 17, 180°, Box
1621410000	SL 3.5/18/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1621420000	SL 3.5/19/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 19, 180°, Box
1621430000	SL 3.5/20/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1621440000	SL 3.5/21/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 21, 180°, Box
1621450000	SL 3.5/22/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1621460000	SL 3.5/23/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 23, 180°, Box
1621470000	SL 3.5/24/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box

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