

General ordering data

Order No. Part designation Version

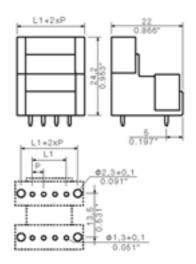
EAN Qty.

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 Electric shock protection to DIN VDE 0470 Electric shock protection to DIN VDE 0470

Material data

Insulating material Colour colour chart Insulating material group Flammability class UL 94 CTI Contact base material





1641270000 SLD 3.5 V/16/180F 3.2OR PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box 4008190279677 20 pc(s).

Soldered connection 180° 3.5 mm 0.138 inch 16 3.2 mm Yes 2 1 1.3 mm + 0.1 mm 24.5 mm 0.965 inch 1 MΩ IP 10 Safe from back-of-hand touch PBT orange Similar to RAL 2000 Illa V-0 >= 200 CuSn



Material data	
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 %
DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	10.5 A
Rated current, max. No. pins (Tu=20°C)	8 A
Rated current, min. No. pins(Tu=40°C)	9 A
Rated current, max. No. pins (Tu=40°C)	7 A
Rated voltage for overvoltage class/pollution	125 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	200 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 80 A
CSA rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	8 A
UL 1059 rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	8 A

Approvals

Approvals institutes







Downloads CAD Library (P-CAD Format - Standard)	SLD.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

	1641240000	SLD 3.5 V/4/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 4, 180°, Box
	1641250000	SLD 3.5 V/8/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
	1641260000	SLD 3.5 V/12/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box
	1641280000	SLD 3.5 V/20/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box
	1641290000	SLD 3.5 V/24/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box
	1641300000	SLD 3.5 V/28/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 28, 180°, Box
	1641310000	SLD 3.5 V/32/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 180°, Box
	1641320000	SLD 3.5 V/36/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 180°, Box
	1641330000	SLD 3.5 V/40/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 40, 180°, Box
	1641340000	SLD 3.5 V/44/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 44, 180°, Box
	1641350000	SLD 3.5 V/48/180F 3.2OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 48, 180°, Box

