







General ordering data	
Order No.	1633700000
Part designation	SLD 3.5/28/90G3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 28, 90°, Box
EAN	4008190258153
Qty.	10 pc(s).

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System parameters	
Fitted to PCB	Soldered connection
Outgoing elbow	90°
Pitch	3.5 mm
Pitch in inch	0.138 inch
No. of poles	28
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	2
No. of solder pins per pole	1
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	45.5 mm
L1 in inch	1.791 inch
Insulation resistance	1 ΜΩ



System parameters	
Electric shock protection to DIN VDE 0470	IP 10
Electric shock protection to DIN VDE 0470	Safe from back-of-hand touch
Electric chock protection to Birt VBE 0470	Care from back of harid todoff
Material data	
Insulating material	PBT
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	Illa
Flammability class UL 94	V-0
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 %
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	160 V
severity III/3	100 V
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity III/3	2.0 (()
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
Trated current (OSE group D)	
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

1633580000	SLD 3.5/4/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 4, 90°, Box
1633590000	SLD 3.5/6/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box
1633600000	SLD 3.5/8/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box
1633610000	SLD 3.5/10/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 90°, Box
1633620000	SLD 3.5/12/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 90°, Box
1633630000	SLD 3.5/14/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 14, 90°, Box
1633640000	SLD 3.5/16/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box
1633650000	SLD 3.5/18/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box
1633660000	SLD 3.5/20/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box
1633670000	SLD 3.5/22/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 90°, Box



1633680000	SLD 3.5/24/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box
1633690000	SLD 3.5/26/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Box
1633710000	SLD 3.5/30/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 30, 90°, Box
1633720000	SLD 3.5/32/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box
1633730000	SLD 3.5/34/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 34, 90°, Box
1633740000	SLD 3.5/36/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box
1633750000	SLD 3.5/38/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 38, 90°, Box
1633760000	SLD 3.5/40/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 40, 90°, Box
1633770000	SLD 3.5/42/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 42, 90°, Box
1633780000	SLD 3.5/44/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 44, 90°, Box
1633790000	SLD 3.5/46/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 46, 90°, Box
1633800000	SLD 3.5/48/90G3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 48, 90°, Box