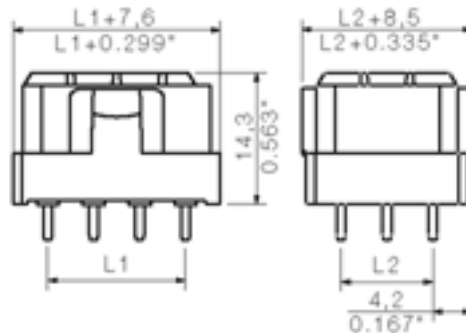




General ordering data

Order No.	1444300000
Part designation	RSV1,6 LB18 GR 3,2 SN
Version	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
EAN	4008190064013
Qty.	25 pc(s).

System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	18
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	2...4
No. of solder pins per pole	1
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	25 mm
L1 in inch	0.984 inch
Insulation resistance	1,000 MΩ
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

Material data

Insulating material	Wemid (PA)
Colour	pebble grey
colour chart	Similar to RAL 7032
Insulating material group	I
Flammability class UL 94	V-0
CTI	>= 600
Contact base material	Copper alloy

Material data

Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100 °C
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Max. relative humidity during storage	75 %

DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	14 A
Rated current, max. No. pins (Tu=20°C)	10 A
Rated current, min. No. pins (Tu=40°C)	12 A
Rated current, max. No. pins (Tu=40°C)	8.5 A
Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2.5 kV
Rated voltage for overvoltage class/pollution severity II/2	500 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 120 A

CSA rating data

Rated voltage (Use group C)	300 V
Rated current (Use group C)	13 A

UL 1977 rating data

Rated voltage (UL 1977)	300 V
Rated current (UL 1977)	10 A

Approvals

Approvals institutes



Downloads

CAD Library (P-CAD Format - Standard) RSV1.6.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	27-26-07-01

Similar products

Order No.	Part designation	Version
1440300000	RSV1,6 LB4 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1413300000	RSV1,6 LB4 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1441300000	RSV1,6 LB6 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1414300000	RSV1,6 LB6 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1442300000	RSV1,6 LB9 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1415300000	RSV1,6 LB9 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1443300000	RSV1,6 LB12 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1416300000	RSV1,6 LB12 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1417300000	RSV1,6 LB18 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1445300000	RSV1,6 LB24 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1418300000	RSV1,6 LB24 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1446300000	RSV1,6 LB36 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1419300000	RSV1,6 LB36 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box