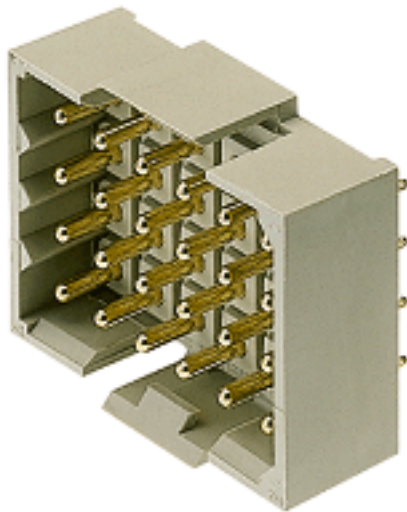


General ordering data

Order No.	1416500000
Part designation	RSV1,6 LS12 GR 4,5 SN
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
EAN	4008190000554
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	12
Solder pin length	4.5 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	15 mm
L1 in inch	0.591 inch
Insulation resistance	1,000 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	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
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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
1440500000	RSV1,6 LS4 GR 3,2 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1413500000	RSV1,6 LS4 GR 4,5 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1441500000	RSV1,6 LS6 GR 3,2 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1414500000	RSV1,6 LS6 GR 4,5 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1442500000	RSV1,6 LS9 GR 3,2 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1415500000	RSV1,6 LS9 GR 4,5 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1443500000	RSV1,6 LS12 GR 3,2 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1444500000	RSV1,6 LS18 GR 3,2 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1417500000	RSV1,6 LS18 GR 4,5 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1445500000	RSV1,6 LS24 GR 3,2 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1418500000	RSV1,6 LS24 GR 4,5 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1446500000	RSV1,6 LS36 GR 3,2 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1419500000	RSV1,6 LS36 GR 4,5 SN	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box