



General ordering data

Order No.	1418700000
Part designation	RSV1,6 LBF24 GR 4,5 SN
Version	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
EAN	4008190016661
Qty.	20 pc(s).

System parameters

Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	24
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	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
1440700000	RSV1,6 LBF4 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1413700000	RSV1,6 LBF4 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1441700000	RSV1,6 LBF6 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1414700000	RSV1,6 LBF6 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1442700000	RSV1,6 LBF9 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1415700000	RSV1,6 LBF9 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1443700000	RSV1,6 LBF12 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1416700000	RSV1,6 LBF12 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1444700000	RSV1,6 LBF18 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1417700000	RSV1,6 LBF18 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1445700000	RSV1,6 LBF24 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1446700000	RSV1,6 LBF36 GR 3,2 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1419700000	RSV1,6 LBF36 GR 4,5 SN	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box