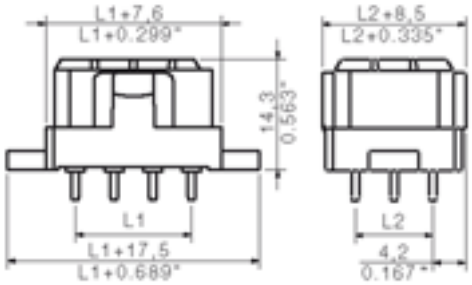

General ordering data	
Order No.	1444600000
Part designation	RSV1,6 LBF18 GR 3,2 AU
Version	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
EAN	4008190077983
Qty.	25 pc(s).

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	gold-plated
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
1440600000	RSV1,6 LBF4 GR 3,2 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1413600000	RSV1,6 LBF4 GR 4,5 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1441600000	RSV1,6 LBF6 GR 3,2 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1414600000	RSV1,6 LBF6 GR 4,5 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1442600000	RSV1,6 LBF9 GR 3,2 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1415600000	RSV1,6 LBF9 GR 4,5 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1443600000	RSV1,6 LBF12 GR 3,2 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1416600000	RSV1,6 LBF12 GR 4,5 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1417600000	RSV1,6 LBF18 GR 4,5 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1445600000	RSV1,6 LBF24 GR 3,2 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1418600000	RSV1,6 LBF24 GR 4,5 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box
1446600000	RSV1,6 LBF36 GR 3,2 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box
1419600000	RSV1,6 LBF36 GR 4,5 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box