



#### General ordering data

Order No.	1416600000
Part designation	RSV1,6 LBF12 GR 4,5 AU
Version	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
EAN	4008190097448
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	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
1444600000	RSV1,6 LBF18 GR 3,2 AU	PCB plug-in connector, Female connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 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