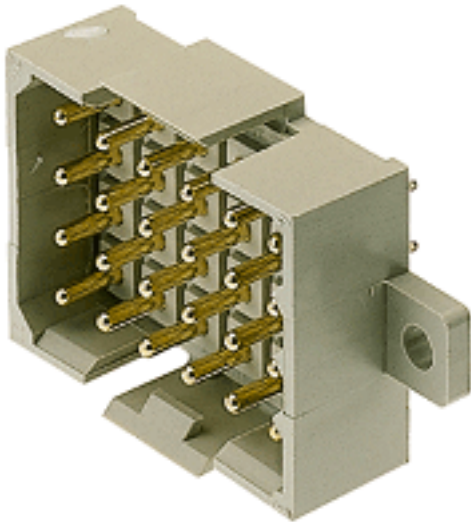


#### General ordering data

|                  |                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------|
| Order No.        | 1419800000                                                                                               |
| Part designation | RSV1,6 LSF36 GR 4,5 AU                                                                                   |
| Version          | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box |
| EAN              | 4008190121709                                                                                            |
| Qty.             | 10 pc(s).                                                                                                |

#### System parameters

|                                           |                                 |
|-------------------------------------------|---------------------------------|
| Fitted to PCB                             | Soldered connection             |
| Outgoing elbow                            | 180°                            |
| Pitch                                     | 5 mm                            |
| Pitch in inch                             | 0.197 inch                      |
| No. of poles                              | 36                              |
| 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                                  | 40 mm                           |
| L1 in inch                                | 1.575 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                       | 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                                                                                                  |
|------------|------------------------|----------------------------------------------------------------------------------------------------------|
| 1440800000 | RSV1,6 LSF4 GR 3,2 AU  | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box  |
| 1413800000 | RSV1,6 LSF4 GR 4,5 AU  | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box  |
| 1441800000 | RSV1,6 LSF6 GR 3,2 AU  | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box  |
| 1414800000 | RSV1,6 LSF6 GR 4,5 AU  | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box  |
| 1442800000 | RSV1,6 LSF9 GR 3,2 AU  | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box  |
| 1415800000 | RSV1,6 LSF9 GR 4,5 AU  | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box  |
| 1443800000 | RSV1,6 LSF12 GR 3,2 AU | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box |
| 1416800000 | RSV1,6 LSF12 GR 4,5 AU | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box |
| 1444800000 | RSV1,6 LSF18 GR 3,2 AU | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box |
| 1417800000 | RSV1,6 LSF18 GR 4,5 AU | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box |
| 1445800000 | RSV1,6 LSF24 GR 3,2 AU | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box |
| 1418800000 | RSV1,6 LSF24 GR 4,5 AU | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box |
| 1446800000 | RSV1,6 LSF36 GR 3,2 AU | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 36, 180°, Box |