



#### General ordering data

|                  |  |
|------------------|--|
| Order No.        | 1775054001   |
| Part designation | SL-SMT5.08/7/90G 1.5SN   |
| Version          | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 7, 90°, Tape |
| EAN              | 4032248167777  |
| Qty.             | 350 pc(s).   |

#### System parameters

|                             |                          |
|-----------------------------|--------------------------|
| Fitted to PCB               | Reflow solder connection |
| Outgoing elbow              | 90°                      |
| Pitch                       | 5.08 mm                  |
| Pitch in inch               | 0.2 inch                 |
| No. of poles                | 7                        |
| Solder pin length           | 1.5 mm                   |
| Can be coded                | Yes                      |
| No. of solder pins per pole | 1                        |

#### System parameters

|            |          |
|------------|----------|
| L1 in mm   | 30.48 mm |
| L1 in inch | 1.2 inch |

#### Material data

|                                       |                     |
|---------------------------------------|---------------------|
| Insulating material                   | LCP GF              |
| Colour                                | black               |
| colour chart                          | Similar to RAL 9011 |
| Insulating material group             | IIIa                |
| Flammability class UL 94              | V-0                 |
| Contact base material                 | CuSn                |
| Contact surface                       | tinned              |
| Constant operating temp., min.        | -25 °C              |
| Constant operating temp., max.        | 100                 |
| Storage temperature, min.             | -25 °C              |
| Storage temperature, max.             | 55 °C               |
| Max. relative humidity during storage | 80 %                |

#### DIN IEC rating data

|  |       |
|--|-------|
| Rated current, min. No. pins (Tu=20°C)   | 19 A  |
| Rated current, max. No. pins (Tu=20°C)   | 15 A  |
| Rated current, min. No. pins (Tu=40°C)   | 16 A  |
| Rated current, max. No. pins (Tu=40°C)   | 13 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 | 4 kV  |
| Rated voltage for overvoltage class/pollution severity II/2                    | 400 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2  | 4 kV  |

#### CSA rating data

|                             |       |
|-----------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A  |

#### UL 1059 rating data

|                             |       |
|-----------------------------|-------|
| Rated voltage (Use group D) | 300 V |
| Rated current (Use group D) | 10 A  |

## Approvals

Approvals institutes



## 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 | 27-26-07-04 |

## Similar products

| Order No.  | Part designation       | Version  |
|------------|------------------------|--|
| 1821140000 | SL-SMT5.08/2/90G 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 2, 90°, Tape |
| 1775014001 | SL-SMT5.08/3/90G 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 3, 90°, Tape |
| 1775024001 | SL-SMT5.08/4/90G 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 4, 90°, Tape |
| 1775034001 | SL-SMT5.08/5/90G 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 5, 90°, Tape |
| 1775044001 | SL-SMT5.08/6/90G 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 6, 90°, Tape |