



General ordering data

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| Order No. | 1796890000 |
| Part designation | SL-SMT5.00/13/180LF 1.5SN |
| Version | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 13, 180°, Box |
| EAN | 4032248237517 |
| Qty. | 50 pc(s). |

System parameters

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|-----------------------------|--------------------------|
| Fitted to PCB | Reflow solder connection |
| Outgoing elbow | 180° |
| Pitch | 5 mm |
| Pitch in inch | 0.197 inch |
| No. of poles | 13 |
| Solder pin length | 1.5 mm |
| Can be coded | Yes |
| No. of rows | 1 |
| No. of solder pins per pole | 1 |
| Fitting hole tolerance | + 0.1 mm |
| L1 in mm | 60 mm |
| L1 in inch | 2.362 inch |
| Insulation resistance | 1 MΩ |

Material data

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|--------------------------------|---------------------|
| Insulating material | LCP GF |
| Colour | black |
| colour chart | Similar to RAL 9011 |
| Insulating material group | IIIa |
| Flammability class UL 94 | V-0 |
| CTI | >= 175 |
| Contact base material | CuSn |
| Contact surface | tinned |
| Constant operating temp., min. | -25 °C |
| Constant operating temp., max. | 100 |

Material data

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|---------------------------------------|--------|
| Storage temperature, min. | -25 °C |
| Storage temperature, max. | 55 °C |
| Max. relative humidity during storage | 80 % |

DIN IEC rating data

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| 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

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

UL 1059 rating data

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

Approvals

Approvals institutes



Classifications

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|------------|-------------|
| 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 |
|------------|--------------------------|--|
| 1796780000 | SL-SMT5.00/2/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 2, 180°, Box |

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|------------|----------------------------------|---|
| 1841390000 | SL-SMT5.00/2/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 2, 180°, Box |
| 1796790000 | SL-SMT5.00/3/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 3, 180°, Box |
| 1841400000 | SL-SMT5.00/3/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 3, 180°, Box |
| 1796800000 | SL-SMT5.00/4/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box |
| 1841410000 | SL-SMT5.00/4/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box |
| 1796810000 | SL-SMT5.00/5/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 5, 180°, Box |
| 1841420000 | SL-SMT5.00/5/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 5, 180°, Box |
| 1796820000 | SL-SMT5.00/6/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box |
| 1841430000 | SL-SMT5.00/6/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box |
| 1796830000 | SL-SMT5.00/7/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 7, 180°, Box |
| 1841440000 | SL-SMT5.00/7/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 7, 180°, Box |
| 1796840000 | SL-SMT5.00/8/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box |
| 1841450000 | SL-SMT5.00/8/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box |
| 1796850000 | SL-SMT5.00/9/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box |
| 1841460000 | SL-SMT5.00/9/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box |
| 1796860000 | SL-SMT5.00/10/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box |
| 1841470000 | SL-SMT5.00/10/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box |
| 1796870000 | SL-SMT5.00/11/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 11, 180°, Box |
| 1841480000 | SL-SMT5.00/11/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 11, 180°, Box |
| 1796880000 | SL-SMT5.00/12/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box |
| 1841490000 | SL-SMT5.00/12/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box |
| 1841500000 | SL-SMT5.00/13/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 13, 180°, Box |
| 1796900000 | SL-SMT5.00/14/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box |
| 1841510000 | SL-SMT5.00/14/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box |
| 1796910000 | SL-SMT5.00/15/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 15, 180°, Box |
| 1841520000 | SL-SMT5.00/15/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 15, 180°, Box |

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| 1796920000 | SL-SMT5.00/16/180LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box |
| 1841530000 | SL-SMT5.00/16/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box |
| 1841540000 | SL-SMT5.00/17/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 17, 180°, Box |
| 1841550000 | SL-SMT5.00/18/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box |
| 1841560000 | SL-SMT5.00/19/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 19, 180°, Box |
| 1841570000 | SL-SMT5.00/20/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box |
| 1841580000 | SL-SMT5.00/21/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 21, 180°, Box |
| 1841590000 | SL-SMT5.00/22/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box |
| 1841600000 | SL-SMT5.00/23/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 23, 180°, Box |
| 1841610000 | SL-SMT5.00/24/180LF 3.2SN SW BOX | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box |