



General ordering data

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| Order No. | 1775372001 |
| Part designation | SL-SMT5.08/16/90LF 1.5SN |
| Version | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 16, 90°, Box |
| EAN | 4032248157358 |
| Qty. | 50 pc(s). |

System parameters

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|-----------------------------|--------------------------|
| Fitted to PCB | Reflow solder connection |
| Outgoing elbow | 90° |
| Pitch | 5.08 mm |
| Pitch in inch | 0.2 inch |
| No. of poles | 16 |
| Solder pin length | 1.5 mm |
| Can be coded | Yes |
| No. of solder pins per pole | 1 |
| L1 in mm | 76.2 mm |
| L1 in inch | 3 inch |

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 |
| 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

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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 |
|------------|--------------------------|--|
| 1775232001 | SL-SMT5.08/2/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 2, 90°, Box |
| 1780410000 | SL-SMT5.08/2/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 2, 90°, Box |
| 1775242001 | SL-SMT5.08/3/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 3, 90°, Box |
| 1780420000 | SL-SMT5.08/3/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 3, 90°, Box |
| 1775252001 | SL-SMT5.08/4/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 4, 90°, Box |
| 1780430000 | SL-SMT5.08/4/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 4, 90°, Box |
| 1775262001 | SL-SMT5.08/5/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 5, 90°, Box |
| 1780440000 | SL-SMT5.08/5/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 5, 90°, Box |
| 1775272001 | SL-SMT5.08/6/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 6, 90°, Box |
| 1780450000 | SL-SMT5.08/6/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 6, 90°, Box |
| 1775282001 | SL-SMT5.08/7/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 7, 90°, Box |
| 1780460000 | SL-SMT5.08/7/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 7, 90°, Box |
| 1775292001 | SL-SMT5.08/8/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 8, 90°, Box |
| 1780470000 | SL-SMT5.08/8/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 8, 90°, Box |
| 1775302001 | SL-SMT5.08/9/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 9, 90°, Box |
| 1780480000 | SL-SMT5.08/9/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 9, 90°, Box |
| 1775312001 | SL-SMT5.08/10/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 10, 90°, Box |
| 1780490000 | SL-SMT5.08/10/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 10, 90°, Box |
| 1775322001 | SL-SMT5.08/11/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 11, 90°, Box |
| 1780500000 | SL-SMT5.08/11/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 11, 90°, Box |
| 1775332001 | SL-SMT5.08/12/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 12, 90°, Box |
| 1780510000 | SL-SMT5.08/12/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 12, 90°, Box |
| 1775342001 | SL-SMT5.08/13/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 13, 90°, Box |
| 1780540000 | SL-SMT5.08/13/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 13, 90°, Box |
| 1775352001 | SL-SMT5.08/14/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 14, 90°, Box |

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| 1775362001 | SL-SMT5.08/15/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 15, 90°, Box |
| 1780570000 | SL-SMT5.08/16/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 16, 90°, Box |
| 1775382001 | SL-SMT5.08/17/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 17, 90°, Box |
| 1780580000 | SL-SMT5.08/17/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 17, 90°, Box |
| 1775392001 | SL-SMT5.08/18/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 18, 90°, Box |
| 1780590000 | SL-SMT5.08/18/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 18, 90°, Box |
| 1775402001 | SL-SMT5.08/19/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 19, 90°, Box |
| 1780600000 | SL-SMT5.08/19/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 19, 90°, Box |
| 1775412001 | SL-SMT5.08/20/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 20, 90°, Box |
| 1780610000 | SL-SMT5.08/20/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 20, 90°, Box |
| 1775422001 | SL-SMT5.08/21/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 21, 90°, Box |
| 1780620000 | SL-SMT5.08/21/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 21, 90°, Box |
| 1775432001 | SL-SMT5.08/22/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 22, 90°, Box |
| 1780630000 | SL-SMT5.08/22/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 22, 90°, Box |
| 1775442001 | SL-SMT5.08/23/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 23, 90°, Box |
| 1780640000 | SL-SMT5.08/23/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 23, 90°, Box |
| 1775452001 | SL-SMT5.08/24/90LF 1.5SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 24, 90°, Box |
| 1780650000 | SL-SMT5.08/24/90LF 3.2SN | PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.08 mm, No. of poles: 24, 90°, Box |