



General ordering data

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|------------------|---|
| Order No. | 1511460000 |
| Part designation | SL 5.08/13/90B3.2SN OR |
| Version | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 13, 90°, Box |
| EAN | 4008190096717 |
| Qty. | 50 pc(s). |

System parameters

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|-----------------------------|---------------------|
| Fitted to PCB | Soldered connection |
| Outgoing elbow | 90° |
| Pitch | 5.08 mm |
| Pitch in inch | 0.2 inch |
| No. of poles | 13 |
| Solder pin length | 3.2 mm |
| Can be coded | Yes |
| No. of rows | 1 |
| No. of solder pins per pole | 1 |
| Dia. of fitting hole | 1.3 mm |
| Fitting hole tolerance | + 0.1 mm |
| L1 in mm | 60.96 mm |
| L1 in inch | 2.4 inch |
| Insulation resistance | 1 MΩ |

System parameters

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|---|---------------------------------|
| Electric shock protection to DIN VDE 0470 | IP20 plugged |
| Electric shock protection to DIN VDE 0470 | Safe from finger touch, plugged |

Material data

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|---------------------------------------|---------------------|
| Insulating material | PBT |
| Colour | orange |
| colour chart | Similar to RAL 2000 |
| Insulating material group | IIIa |
| Flammability class UL 94 | V-0 |
| CTI | >= 200 |
| 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) | 18 A |
| Rated current, max. No. pins (Tu=20°C) | 14.5 A |
| Rated current, min. No. pins (Tu=40°C) | 15 A |
| Rated current, max. No. pins (Tu=40°C) | 12 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 |
| Short-time withstand current resistance | 3 x 1s with 120 A |

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



Downloads

CAD Library (P-CAD Format - Standard) SL.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 | 27-26-07-04 |

Similar products

| Order No. | Part designation | Version |
|------------|------------------------|---|
| 1510360000 | SL 5.08/2/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 2, 90°, Box |
| 1510460000 | SL 5.08/3/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 3, 90°, Box |
| 1510560000 | SL 5.08/4/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 4, 90°, Box |
| 1510660000 | SL 5.08/5/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 5, 90°, Box |
| 1510760000 | SL 5.08/6/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 6, 90°, Box |
| 1510860000 | SL 5.08/7/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 7, 90°, Box |
| 1510960000 | SL 5.08/8/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 8, 90°, Box |
| 1511060000 | SL 5.08/9/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 9, 90°, Box |
| 1511160000 | SL 5.08/10/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 10, 90°, Box |
| 1511260000 | SL 5.08/11/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 11, 90°, Box |

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|------------|------------------------|---|
| 1511360000 | SL 5.08/12/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 12, 90°, Box |
| 1511560000 | SL 5.08/14/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 14, 90°, Box |
| 1511660000 | SL 5.08/15/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 15, 90°, Box |
| 1511760000 | SL 5.08/16/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 16, 90°, Box |
| 1511860000 | SL 5.08/17/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 17, 90°, Box |
| 1511960000 | SL 5.08/18/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 18, 90°, Box |
| 1512060000 | SL 5.08/19/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 19, 90°, Box |
| 1512160000 | SL 5.08/20/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 20, 90°, Box |
| 1512260000 | SL 5.08/21/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 21, 90°, Box |
| 1512360000 | SL 5.08/22/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 22, 90°, Box |
| 1512460000 | SL 5.08/23/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 23, 90°, Box |
| 1512560000 | SL 5.08/24/90B3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 24, 90°, Box |