



General ordering data

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|------------------|---|
| Order No. | 1625090000 |
| Part designation | SL 7.62/8/180 3.2SN OR |
| Version | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 8, 180°, Box |
| EAN | 4008190196141 |
| Qty. | 50 pc(s). |

System parameters

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|-----------------------------|---------------------|
| Fitted to PCB | Soldered connection |
| Outgoing elbow | 180° |
| Pitch | 7.62 mm |
| Pitch in inch | 0.3 inch |
| No. of poles | 8 |
| 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 | 53.34 mm |
| L1 in inch | 2.1 inch |
| Insulation resistance | 1 MΩ |

System parameters

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 °C |
| 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) | 18.5 A |
| Rated current, max. No. pins (Tu=20°C) | 17 A |
| Rated current, min. No. pins (Tu=40°C) | 16 A |
| Rated current, max. No. pins (Tu=40°C) | 14.5 A |
| Rated voltage for overvoltage class/pollution severity III/3 | 500 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 6 kV |
| Rated voltage for overvoltage class/pollution severity III/2 | 630 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 6 kV |
| Rated voltage for overvoltage class/pollution severity II/2 | 800 V |
| Rated impulse withstand voltage for overvoltage class/pollution severity II/2 | 6 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 |
|------------|-------------------------|--|
| 1625030000 | SL 7.62/2/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 2, 180°, Box |
| 1625040000 | SL 7.62/3/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 3, 180°, Box |
| 1625050000 | SL 7.62/4/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 4, 180°, Box |
| 1625060000 | SL 7.62/5/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 5, 180°, Box |
| 1625070000 | SL 7.62/6/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 6, 180°, Box |
| 1625080000 | SL 7.62/7/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 7, 180°, Box |
| 1625100000 | SL 7.62/9/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 9, 180°, Box |
| 1625110000 | SL 7.62/10/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 10, 180°, Box |
| 1625120000 | SL 7.62/11/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 11, 180°, Box |
| 1625130000 | SL 7.62/12/180 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.62 mm, No. of poles: 12, 180°, Box |