



General ordering data

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|------------------|---|
| Order No. | 1239460000 |
| Part designation | SLA 16/90 3.2SN OR |
| Version | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 16, 90°, Box |
| EAN | 4008190063559 |
| 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 | 16 |
| 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 | 76.2 mm |
| L1 in inch | 3 inch |
| Insulation resistance | 1 MΩ |

System parameters

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| Electric shock protection to DIN VDE 0470 | Safe from back-of-hand touch |
|---|------------------------------|

Material data

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|---------------------------------------|---------------------|
| Insulating material | PBT GF |
| 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. | 120 °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) | 17.5 A |
| Rated current, max. No. pins (Tu=20°C) | 12.5 A |
| Rated current, min. No. pins (Tu=40°C) | 16 A |
| Rated current, max. No. pins (Tu=40°C) | 11 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 100 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) SLA.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 |
|------------|--------------------|---|
| 1238060000 | SLA 2/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 2, 90°, Box |
| 1238160000 | SLA 3/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 3, 90°, Box |
| 1238260000 | SLA 4/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 4, 90°, Box |
| 1238360000 | SLA 5/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 5, 90°, Box |
| 1238460000 | SLA 6/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 6, 90°, Box |
| 1238560000 | SLA 7/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 7, 90°, Box |
| 1238660000 | SLA 8/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 8, 90°, Box |
| 1238760000 | SLA 9/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 9, 90°, Box |
| 1238860000 | SLA 10/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 10, 90°, Box |
| 1238960000 | SLA 11/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 11, 90°, Box |

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| 1239060000 | SLA 12/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 12, 90°, Box |
| 1239160000 | SLA 13/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 13, 90°, Box |
| 1239260000 | SLA 14/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 14, 90°, Box |
| 1239360000 | SLA 15/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 15, 90°, Box |
| 1271760000 | SLA 17/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 17, 90°, Box |
| 1271860000 | SLA 18/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 18, 90°, Box |
| 1271960000 | SLA 19/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 19, 90°, Box |
| 1272060000 | SLA 20/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 20, 90°, Box |
| 1272160000 | SLA 21/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 21, 90°, Box |
| 1315960000 | SLA 22/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 22, 90°, Box |
| 1316060000 | SLA 23/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 23, 90°, Box |
| 1316160000 | SLA 24/90 3.2SN OR | PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.08 mm, No. of poles: 24, 90°, Box |