

MKDSN 1,5/ 3-5,08 GY H1L - 1708858

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PCB terminal block, nominal current: 13.5 A, nom. voltage: 320 V, pitch: 5.08 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray


The figure shows a 2-pos. version of the product

Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Extremely small design for the respective conductor cross section
- ✓ Designed for integration into the SMT soldering process
- ✓ The latching on the side enables various numbers of positions to be combined



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 pc |
| GTIN |  4 055626 024851 |
| GTIN | 4055626024851 |

Technical data

Dimensions

| | |
|------------------|----------|
| Length [l] | 8.1 mm |
| Pitch | 5.08 mm |
| Dimension a | 10.16 mm |
| Width [w] | 15.24 mm |
| Height | 10 mm |
| Height [h] | 13.5 mm |
| Solder pin [P] | 3.5 mm |
| Hole diameter | 1.3 mm |

General

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Technical data

General

| | |
|----------------------------------|---------------------|
| Range of articles | MKDSN 1,5 |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |
| Rated voltage (III/3) | 250 V |
| Rated voltage (III/2) | 400 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 13.5 A |
| Nominal cross section | 1.5 mm ² |
| Internal cylindrical gage | A1 |
| Stripping length | 6 mm |
| Number of positions | 3 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 16 |
| 2 conductors with same cross section, solid min. | 0.14 mm ² |
| 2 conductors with same cross section, solid max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.14 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.75 mm ² |

Standards and Regulations

| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

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Approvals

Approvals


Approvals


DNV GL / IECCEB Scheme / SEV / EAC / cULus Recognized


Ex Approvals


Approval details

| | | |
|--------|---|------------|
| DNV GL | http://exchange.dnv.com/tari/ | TAE00001EV |
|--------|---|------------|

| | | | |
|----------------------------|---|---|---------|
| IECEE CB Scheme |  | http://www.iecee.org/ | CH-8225 |
| Nominal voltage UN | 250 V | | |
| Nominal current IN | 13.5 A | | |
| mm ² /AWG/kcmil | 1.5 | | |

| | | | |
|----------------------------|---|---|------------|
| SEV |  | https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html | IK-3542-M1 |
| Nominal voltage UN | 250 V | | |
| Nominal current IN | 13.5 A | | |
| mm ² /AWG/kcmil | 1.5 | | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19770427 |
| | D | B | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 10 A | 10 A | |
| mm ² /AWG/kcmil | 30-14 | 30-14 | |

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