

# Sample set - SAMPLE DMC 0,5/ 9-G1-2,54 SMD - 1859864

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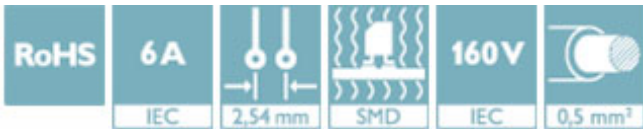
PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 9, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: SMD soldering



The figure shows a 10-pos. version with 20 contacts

## Your advantages

- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Designed for integration into the SMT soldering process
- ✓ Conductor connection on several levels enables higher contact density
- ✓ Small component size for applications where space is at a premium
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting



## Key Commercial Data

|                      |               |
|----------------------|---------------|
| Packing unit         | 1             |
| GTIN                 |               |
| GTIN                 | 4055626113227 |
| Custom tariff number | 85366930      |

## Technical data

### Dimensions

|                |                |
|----------------|----------------|
| Length [ l ]   | 9.64 mm        |
| Width          | 23.36 mm       |
| Pitch          | 2.54 mm        |
| Dimension a    | 20.32 mm       |
| Width [ w ]    | 23.36 mm       |
| Height [ h ]   | 7.39 mm        |
| Pin dimensions | 0.64 x 0.64 mm |
| Pin spacing    | 2.54 mm        |

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## Technical data

### Dimensions

|        |         |
|--------|---------|
| Length | 9.64 mm |
|--------|---------|

### General

|  |                   |
|--|-------------------|
| Range of articles                      | DMC 0,5/...G1-SMD |
| Insulating material group              | IIIa              |
| Rated surge voltage (III/3)            | 2.5 kV            |
| Rated surge voltage (III/2)            | 2.5 kV            |
| Rated surge voltage (II/2)             | 2.5 kV            |
| Rated voltage (III/3)                  | 32 V              |
| Rated voltage (III/2)                  | 160 V             |
| Rated voltage (II/2)                   | 160 V             |
| Connection in acc. with standard       | EN-VDE            |
| Nominal current $I_N$                  | 6 A               |
| Insulating material                    | LCP               |
| Flammability rating according to UL 94 | V0                |
| Color                                  | black             |
| Number of positions                    | 9                 |

### Standards and Regulations

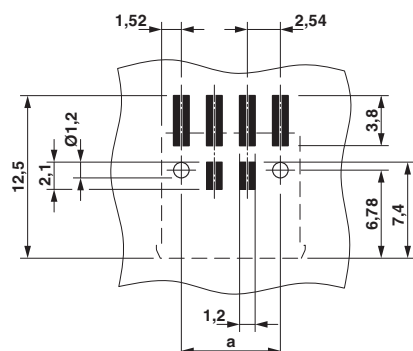
|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

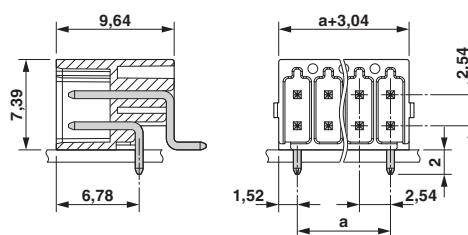
|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram



Dimensional drawing



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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121409 |
|-------------|----------|

### Accessories

#### Accessories

##### Labeled terminal marker

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853

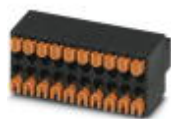


Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 99, mounting type: adhesive, for terminal block width: 2.54 mm, lettering field size: 2.54 x 2.8 mm

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### Additional products

Printed-circuit board connector - DFMC 0,5/ 9-ST-2,54 - 1844646



Plug, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 9 with 18 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold