

## Sample set - SAMPLE DMC 0,5/12-G1-2,54 THR - 1859592

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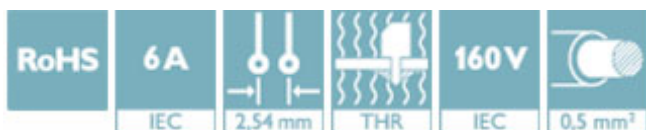
PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 12, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: THR soldering



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                 | <br>4 055626 111995 |
| GTIN                 | 4055626111995                                                                                           |
| Custom tariff number | 85366930                                                                                                |

### Technical data

#### Dimensions

|                          |                |
|--------------------------|----------------|
| Length [ l ]             | 9.64 mm        |
| Width                    | 30.98 mm       |
| Pitch                    | 2.54 mm        |
| Dimension a              | 27.94 mm       |
| Width [ w ]              | 30.98 mm       |
| Height [ h ]             | 7.39 mm        |
| Length of the solder pin | 2 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-THR |
| 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                    | 12                 |

#### Standards and Regulations

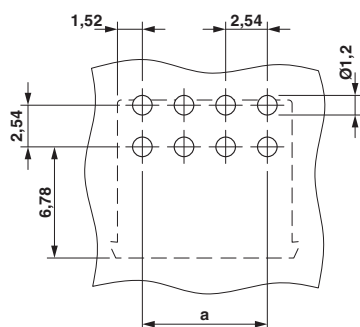
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
| Flammability rating according to UL 94 | V0     |

#### Environmental Product Compliance

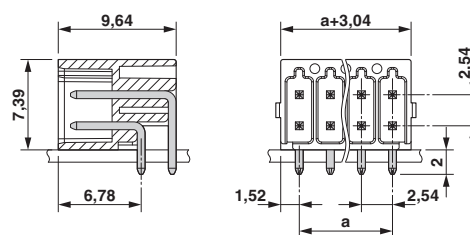
|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

Drilling diagram



Dimensional drawing



### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27260700 |
|------------|----------|

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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 |
|-------------|----------|

### Approvals

#### Approvals

#### Approvals

#### EAC

#### Ex Approvals

### Approval details

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

### Accessories

#### Accessories

#### Labeled terminal marker

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



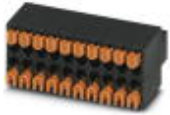
Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 99, mounting type: adhesive, for terminal block width: 2.54 mm, lettering field size: 2.54 x 2.8 mm

### Additional products

## Sample set - SAMPLE DMC 0,5/12-G1-2,54 THR - 1859592

### Accessories

Printed-circuit board connector - DFMC 0,5/12-ST-2,54 - 1844675



Plug, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 12 with 24 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold