

Printed-circuit board connector - DMC 0,5/10-G1-2,54 SMD R44 - 1845108

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: SMD soldering, Sample values available under SAMPLE DMC...



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

Why buy this product

- Gold-plated contacts ensure transfer quality remains stable over the long term
- Designed for integration into the SMT process
- Conductor connection on several levels enables higher contact density



Key Commercial Data

| | |
|------------------------|----------|
| Packing unit | 1 STK |
| Minimum order quantity | 300 STK |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Environmental Product Compliance

| | |
|------------|--|
| China RoHS | No hazardous substances above threshold values |
|------------|--|

Dimensions

| | |
|----------------|----------------|
| Length | 9.64 mm |
| Pitch | 2.54 mm |
| Dimension a | 22.86 mm |
| Width | 25.9 mm |
| Height | 7.39 mm |
| Pin dimensions | 0,64 x 0,64 mm |

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Technical data

Dimensions

| | |
|-------------|---------|
| Pin spacing | 2.54 mm |
|-------------|---------|

General

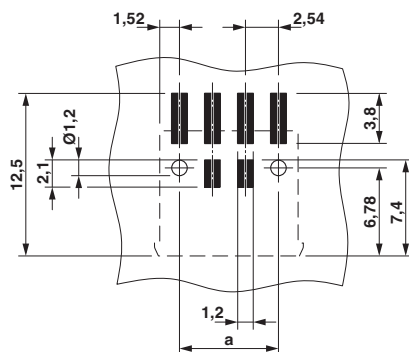
| | |
|--|--------------------|
| Range of articles | DMC 0,5/...-G1-SMD |
| Insulating material group | IIIa |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/3) | 32 V |
| Rated voltage (III/2) | 160 V |
| 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 | 10 |

Standards and Regulations

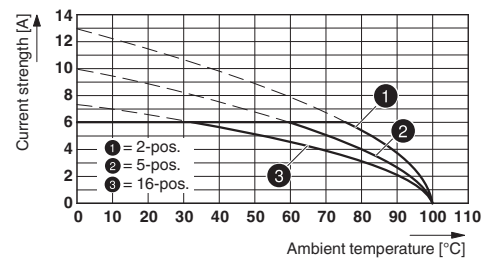
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| Flammability rating according to UL 94 | V0 |

Drawings

Drilling diagram



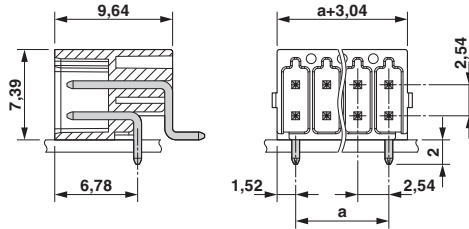
Diagram



Type: DFMC 0,5/...-ST-2,54 with DMC 0,5/...-G1-2,54 SMD R...

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Dimensional drawing



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

Approvals

Approvals

Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / EAC


Ex Approvals


Approval details

| | | |
|--|-------|------|
| cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920306 | | |
| | B | C |
| Nominal current I _N | 6 A | 6 A |
| Nominal voltage U _N | 150 V | 50 V |

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Approvals

| | |
|--|-------|
| VDE Gutachten mit Fertigungsüberwachung  http://www.vde.de 40042389 | |
| Nominal current IN | 6 A |
| Nominal voltage UN | 160 V |

| | |
|---|-------|
| IECEE CB Scheme  http://www.iecee.org/ DE1-55740 | |
| Nominal current IN | 6 A |
| Nominal voltage UN | 160 V |

| |
|-------------|
| 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: 2.54 x 2.8 mm

Sample set - SAMPLE DMC 0,5/10-G1-2,54 SMD - 1859877



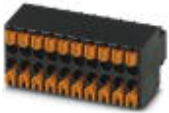
Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: SMD soldering

Additional products

Printed-circuit board connector - DMC 0,5/10-G1-2,54 SMD R44 - 1845108

Accessories

Printed-circuit board connector - DFMC 0,5/10-ST-2,54 - 1844659



Plug, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 10 with 20 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold