

## Sample set - SAMPLE DMC 0,5/ 4-G1-2,54 SMD - 1859819

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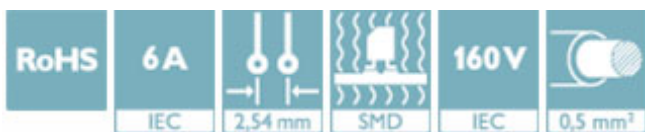
PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: SMD soldering



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
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- 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	4055626113111
Custom tariff number	85366930

### Technical data

#### Dimensions

Length [ l ]	9.64 mm
Width	10.66 mm
Pitch	2.54 mm
Dimension a	7.62 mm
Width [ w ]	10.66 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
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### 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	4

### Standards and Regulations

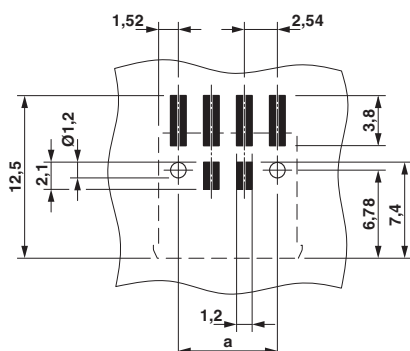
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

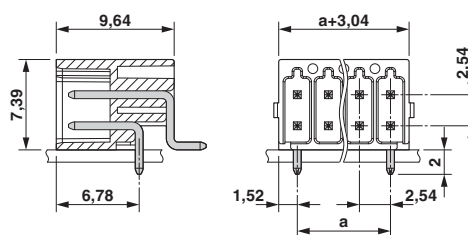
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## 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
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### 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/ 4-ST-2,54 - 1844594



Plug, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4 with 8 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold