

## Sample set - SAMPLE MCV 0,5/ 8-G-2,54 SMD - 1835901

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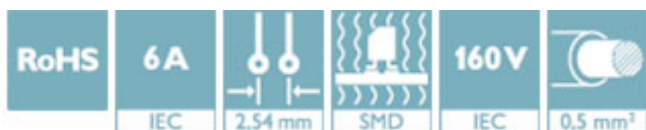
PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 8, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: SMD soldering



The figure shows the 10-position version

### Your advantages

- ✓ Designed for integration into the SMT soldering process
- ✓ Additional solder anchors reduce the mechanical strain on the soldering spots
- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting



### Key Commercial Data

Packing unit	1
GTIN	 4 055626 017204
GTIN	4055626017204
Custom tariff number	85366930

### Technical data

#### Dimensions

Length [ l ]	7.1 mm
Width	24.9 mm
Pitch	2.54 mm
Dimension a	17.78 mm
Width [ w ]	24.9 mm
Height [ h ]	4.85 mm
Height	4.85 mm
Length of the solder pin	2 mm
Pin dimensions	0.64 x 0.64 mm

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## Technical data

### Dimensions

Length	7.1 mm
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### General

Range of articles	MCV 0,5/...-G-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	8

### Standards and Regulations

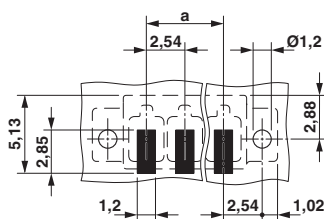
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

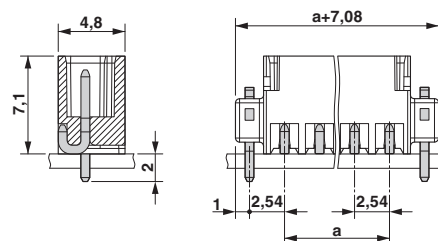
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram



Dimensional drawing



## Classifications

eCl@ss

eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309

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### Classifications

#### eCl@ss

eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

#### ETIM

ETIM 5.0	EC002637
ETIM 6.0	EC002638

#### UNSPSC

UNSPSC 13.2	39121409
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