

## Sample set - SAMPLE DMCV 0,5/ 8-G1-2,54 THR - 1859709

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

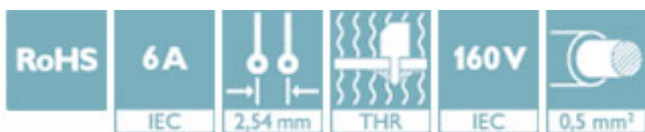
PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 8, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: THR soldering



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
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ 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	4055626111681
Custom tariff number	85366930

### Technical data

#### Dimensions

Length [ l ]	7.39 mm
Width	20.82 mm
Pitch	2.54 mm
Dimension a	17.78 mm
Width [ w ]	20.82 mm
Height [ h ]	7.1 mm
Length of the solder pin	2 mm
Pin dimensions	0.64 x 0.64 mm
Pin spacing	2.54 mm

# Sample set - SAMPLE DMCV 0,5/ 8-G1-2,54 THR - 1859709

## Technical data

### Dimensions

Length	7.39 mm
--------	---------

### General

Range of articles	DMCV 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	8

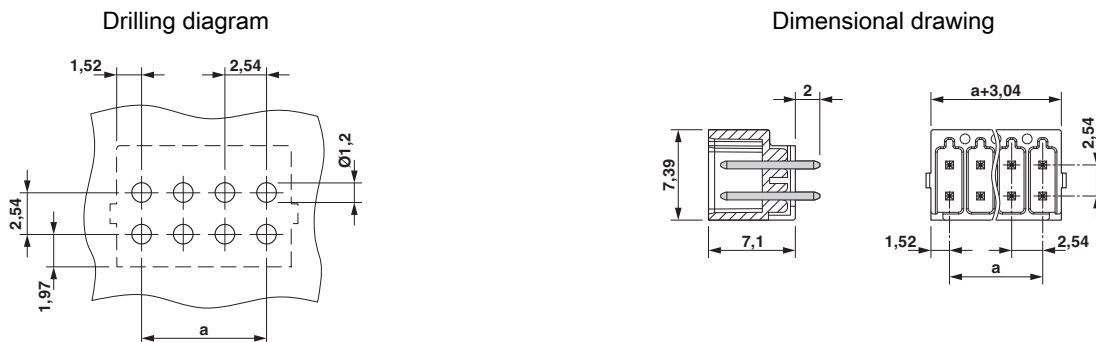
### Standards and Regulations

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



## Classifications

eCl@ss

eCl@ss 5.1	27260700
eCl@ss 6.0	27260700

# Sample set - SAMPLE DMCV 0,5/ 8-G1-2,54 THR - 1859709

## Classifications

### eCl@ss

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



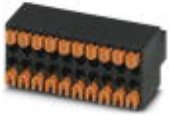
Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 99, mounting type: adhesive, for terminal block width: 2.54 mm, lettering field size: 2.54 x 2.8 mm

### Additional products

## Sample set - SAMPLE DMCV 0,5/ 8-G1-2,54 THR - 1859709

### Accessories

Printed-circuit board connector - DFMC 0,5/ 8-ST-2,54 - 1844633



Plug, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 8 with 16 contacts, pitch: 2.54 mm, connection method: spring connection, color: black, contact surface: gold

---

Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>