

# Printed-circuit board connector - DMCV 0,5/12-G1-2,54 P20THR R72 - 1844976

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Header, 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, 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
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Small component size for applications where space is at a premium



## Key Commercial Data

Packing unit	1 STK
Minimum order quantity	330 STK
Custom tariff number	85366990
Country of origin	Germany

## Technical data

### Environmental Product Compliance

China RoHS	No hazardous substances above threshold values
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### Dimensions

Length	7.39 mm
Pitch	2.54 mm
Dimension a	27.94 mm

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## Technical data

### Dimensions

Width	30.98 mm
Height	7.1 mm
Length of the solder pin	2 mm
Pin dimensions	0,64 x 0,64 mm
Pin spacing	2.54 mm
Hole diameter	1.2 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 <sub>N</sub>	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	12

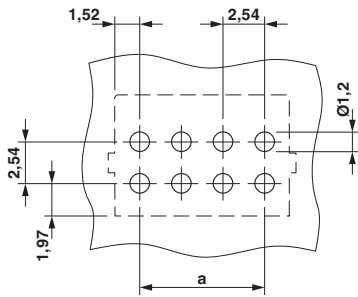
### Standards and Regulations

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

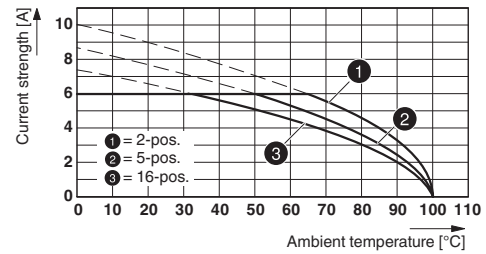
## Drawings

# Printed-circuit board connector - DMCV 0,5/12-G1-2,54 P20THR R72 - 1844976

Drilling diagram

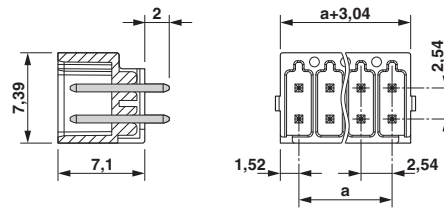


Diagram



Type: DFMC 0,5/...-ST-2,54 with DMCV 0,5/...-G1-2,54 P20THR R...

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

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cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / EAC


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## Approvals

Ex Approvals

### Approval details

cULus Recognized <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-19920306		
	B	C
Nominal current IN	6 A	6 A
Nominal voltage UN	150 V	50 V

VDE Gutachten mit Fertigungsüberwachung  <a href="http://www.vde.de">http://www.vde.de</a> 40042389	
Nominal current IN	6 A
Nominal voltage UN	160 V

IECEE CB Scheme  <a href="http://www.iecee.org/">http://www.iecee.org/</a> DE1-55740	
Nominal current IN	6 A
Nominal voltage UN	160 V

EAC B.01742
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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: 2.54 x 2.8 mm

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### Accessories

Sample set - SAMPLE DMCV 0,5/12-G1-2,54 THR - 1859741



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### Additional products

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