

# Printed-circuit board connector - DMCV 1,5/12-G1F-3,5-LR P20THR - 1787496

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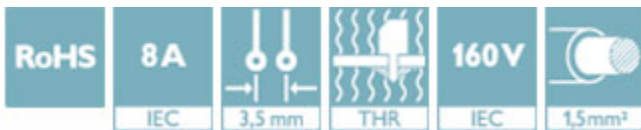
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering



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

## Why buy this product

- ✓ Designed for integration into the SMT soldering process
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Screwable flange for superior mechanical stability
- ✓ Automatic locking and intuitive release through Lock and Release operating lever in contrasting color
- ✓ Small component size for applications where space is at a premium



## Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	5.200 g
Custom tariff number	85366990
Country of origin	Germany

## Technical data

### Dimensions

Length	10.6 mm
Pitch	3.50 mm
Dimension a	38.5 mm
Width	49 mm
Constructional height	10 mm
Height	12 mm

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## Technical data

### Dimensions

Length of the solder pin	2 mm
Pin dimensions	0,8 x 0,8
Pin spacing	5.50 mm
Hole diameter	1.4 mm

### General

Range of articles	DMCV 1,5/...-G1F-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)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Maximum load current	8 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
	CUL
Flammability rating according to UL 94	V0

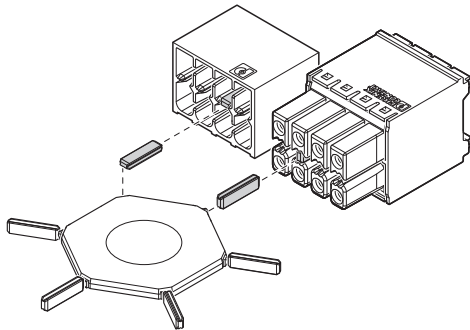
### Environmental Product Compliance

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

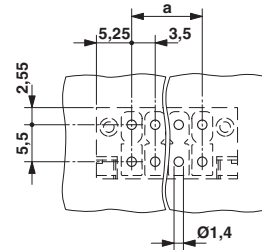
## Drawings

# Printed-circuit board connector - DMCV 1,5/12-G1F-3,5-LR P20THR - 1787496

Schematic diagram

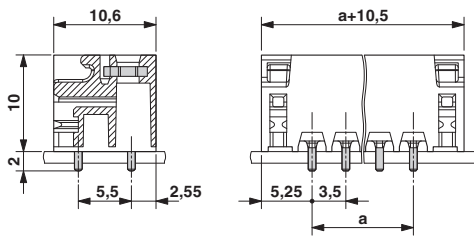


Drilling diagram

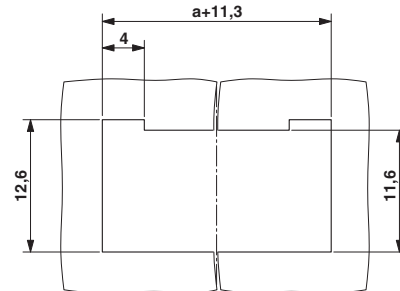


Use of the CP-DMC... coding profile

Dimensional drawing



Schematic diagram



Panel cutout

## Approvals

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


Ex Approvals

Approval details

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## Approvals

VDE Gutachten mit Fertigungsüberwachung  <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> 40038423	
Nominal current IN	8 A
Nominal voltage UN	160 V

IECEE CB Scheme  <a href="http://www.iecee.org/">http://www.iecee.org/</a> DE1-56070_B1_B2	
Nominal current IN	8 A
Nominal voltage UN	160 V

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> E60425-20110128		
	B	C
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	50 V

EAC B.01742
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