

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

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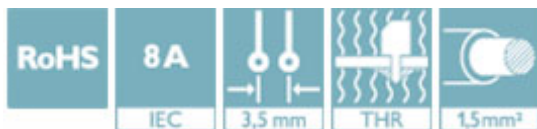
PCB headers, nominal current: 8 A, number of positions: 12, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering



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

Your advantages

- ✓ 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	50 pc
Minimum order quantity	50 pc
GTIN	 4 046356 597111
GTIN	4046356597111

Technical data

Dimensions

Length [l]	10.6 mm
Width	49 mm
Pitch	3.5 mm
Dimension a	38.5 mm
Width [w]	49 mm
Height [h]	12 mm
Height	10 mm
Length of the solder pin	2 mm

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Technical data

Dimensions

Pin dimensions	0.8 x 0.8 mm
Pin spacing	5.50 mm
Length	10.6 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

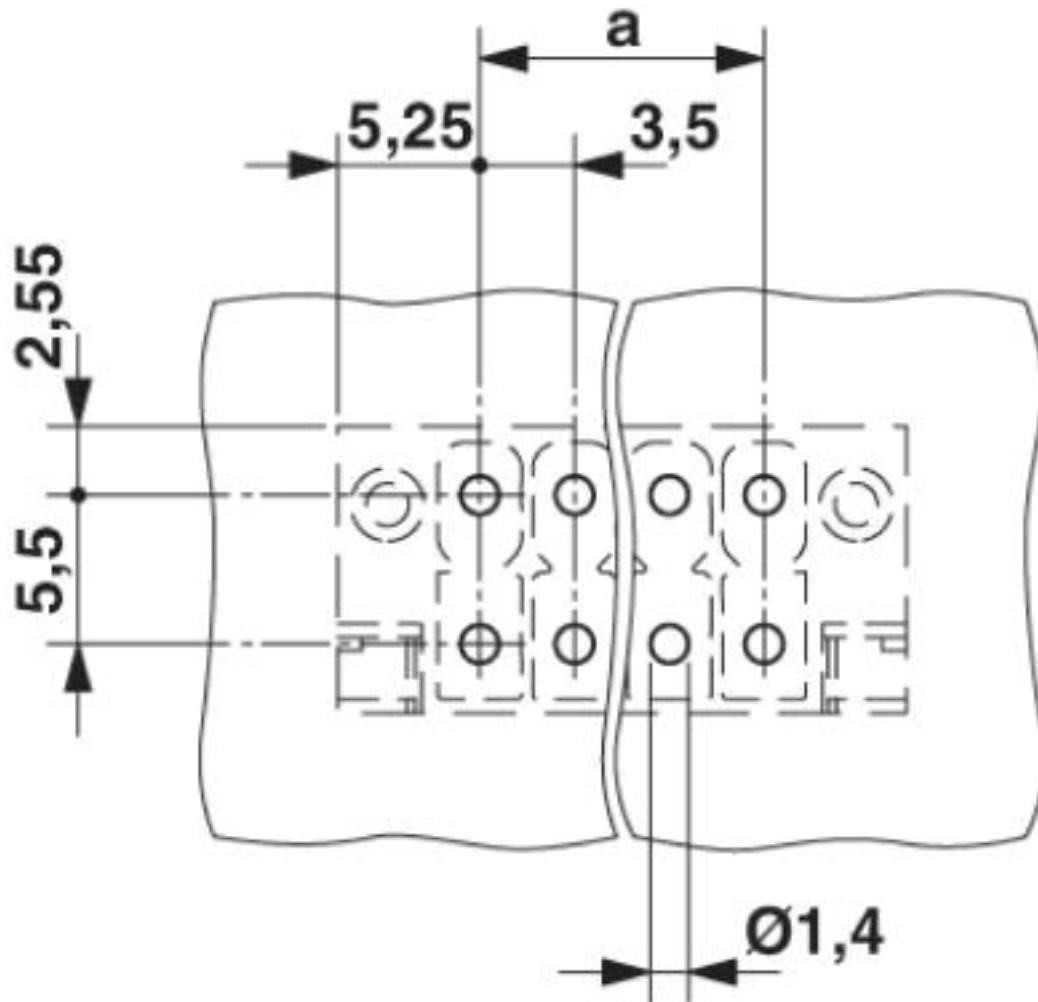
Environmental Product Compliance

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

Drawings

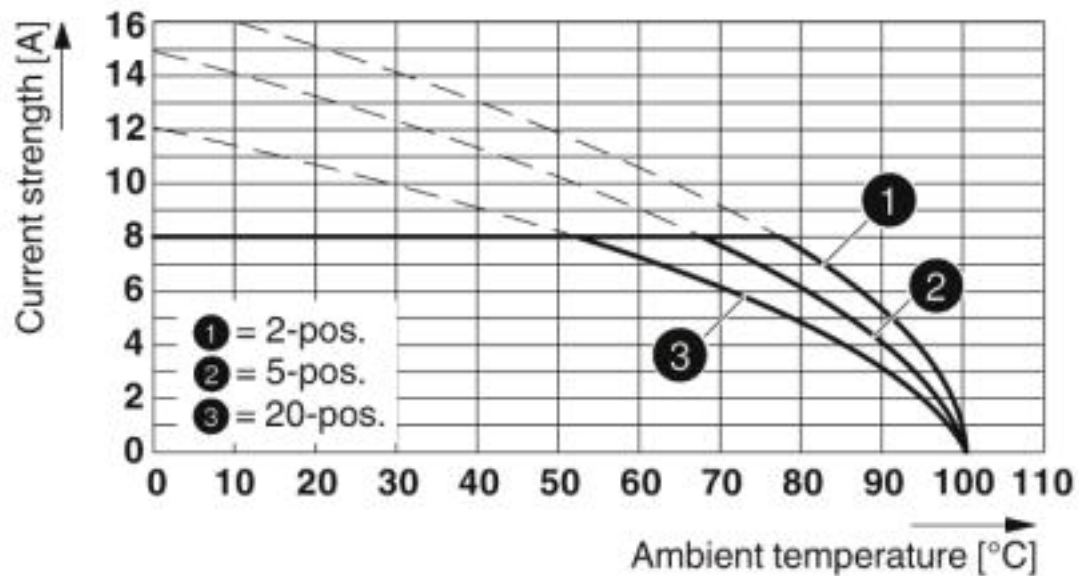
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Drilling diagram



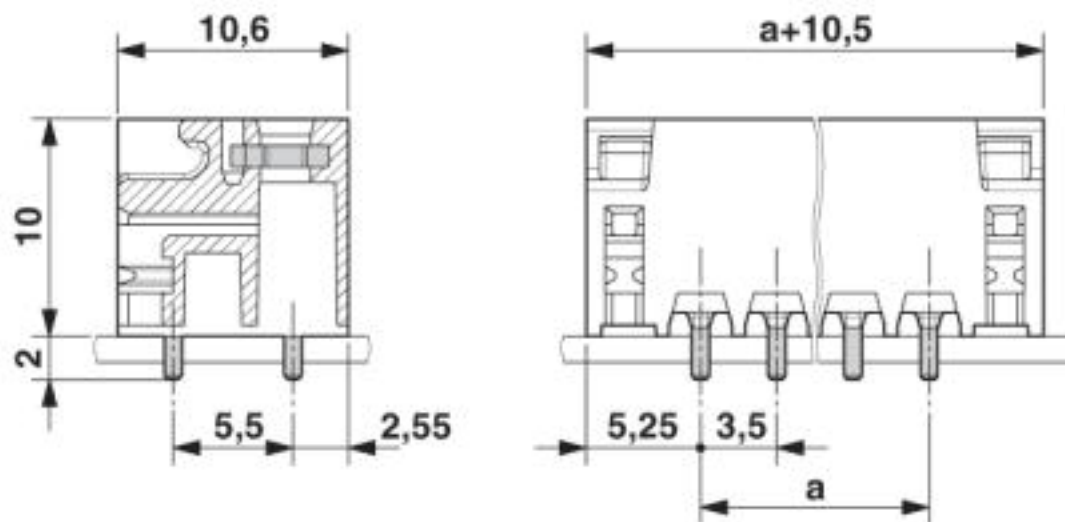
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Diagram



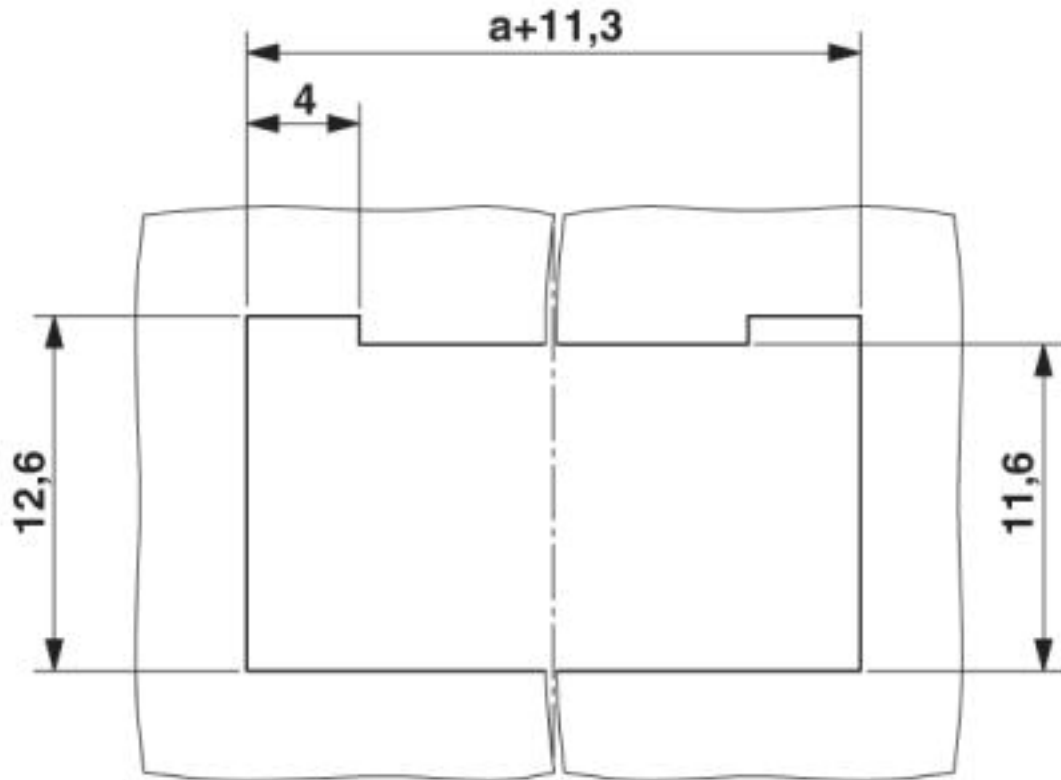
Type: DFMC 1,5/...-STF-3,5 with DMCV 1,5/...-G1F-3,5-LR P...THR

Dimensional drawing



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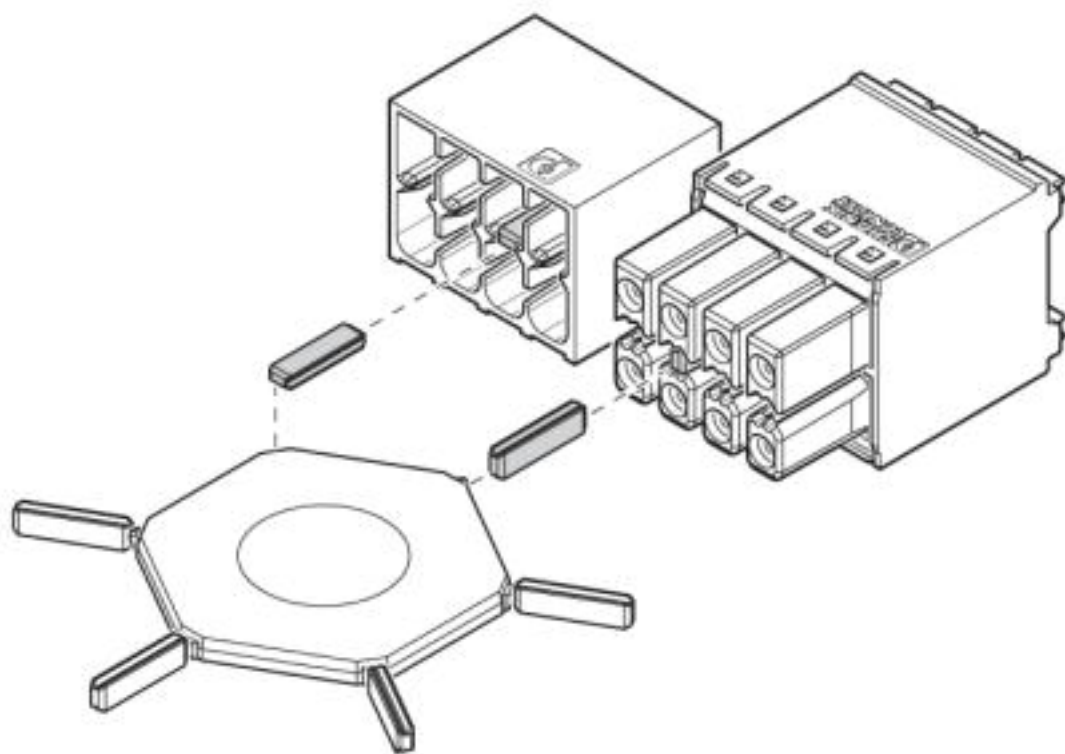
Schematic diagram



Panel cutout

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Schematic diagram



Use of the CP-DMC... coding profile

Approvals

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

Ex Approvals

Approval details

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-60359_B1_B2
Nominal voltage UN	160 V		
Nominal current IN	8 A		

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Approvals

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40038423
Nominal voltage UN		160 V	
Nominal current IN		8 A	

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110128
	B	C	D
Nominal voltage UN	300 V	50 V	300 V
Nominal current IN	8 A	8 A	8 A

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