

Printed-circuit board connector - DMCV 1,5/16-G1-3,5 P20THR - 1787344

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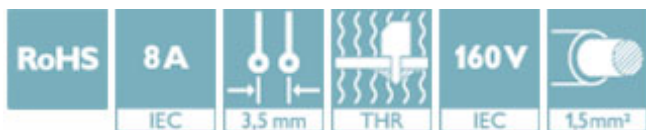
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering




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
- ✓ Small component size for applications where space is at a premium



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 596961
GTIN	4046356596961

Technical data

Dimensions

Length [l]	10.6 mm
Pitch	3.5 mm
Dimension a	52.5 mm
Width [w]	56.8 mm
Constructional height	10 mm
Height [h]	12 mm
Length of the solder pin	2 mm
Pin dimensions	0,8 x 0,8
Pin spacing	5.50 mm
Hole diameter	1.4 mm

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Technical data

General

Range of articles	DMCV 1,5/...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)	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	16

Standards and Regulations

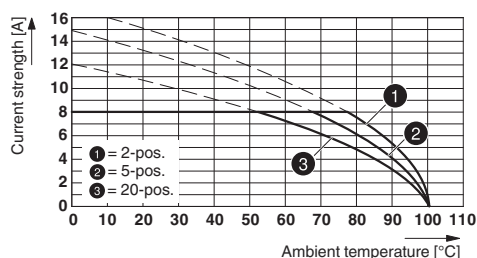
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

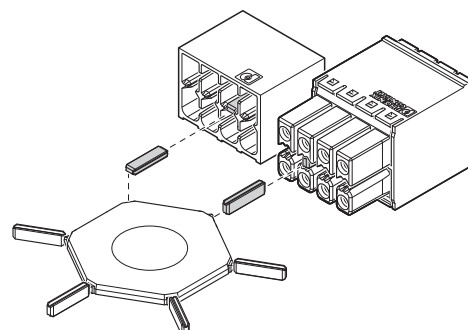
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram



Schematic diagram

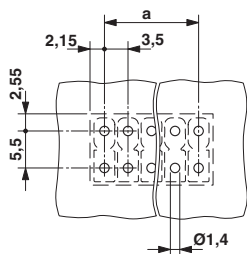


Typ: DFMC 1,5/...-ST-3,5 with DMCV 1,5/...-G1-3,5 P20 THR

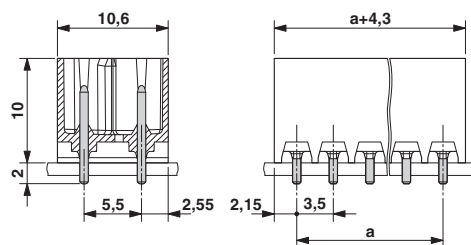
Use of the CP-DMC... coding profile

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Drilling diagram



Dimensional drawing



Approvals

Approvals

Approvals

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

Ex Approvals

Approval details


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

IECEE CB Scheme		http://www.iecee.org/	DE1-60359_B1_B2
Nominal current I _N	8 A		
Nominal voltage U _N	160 V		

EAC		B.01742	
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Approvals

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

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