

Printed-circuit board connector - DMCV 1,5/19-G1-3,5 P20THR - 1787373

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>)

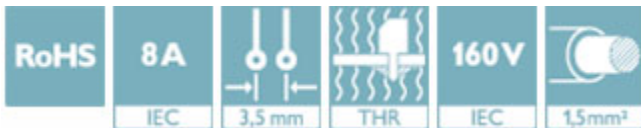
Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 19, pitch: 3.5 mm, Color: black, Contact surface: Tin, mounting: THR soldering




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	1 STK
GTIN	 4 046356 596992
GTIN	4046356596992
Weight per Piece (excluding packing)	7.200 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	10.6 mm
Pitch	3.5 mm
Dimension a	63.00 mm
Width	67.30 mm
Constructional height	10 mm

Printed-circuit board connector - DMCV 1,5/19-G1-3,5 P20THR - 1787373

Technical data

Dimensions

Height	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

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	19

Standards and Regulations

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

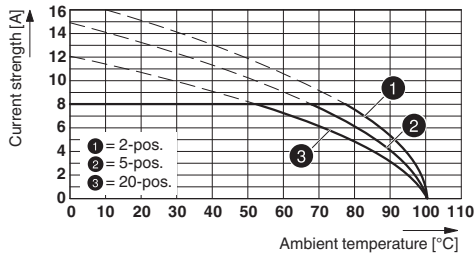
Environmental Product Compliance

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

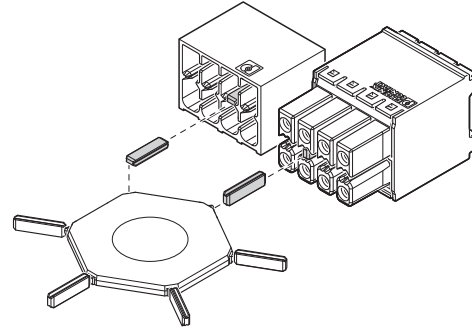
Drawings

Printed-circuit board connector - DMCV 1,5/19-G1-3,5 P20THR - 1787373

Diagram



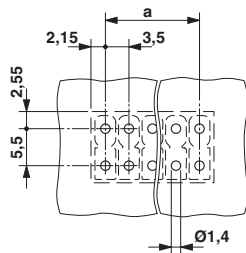
Schematic diagram



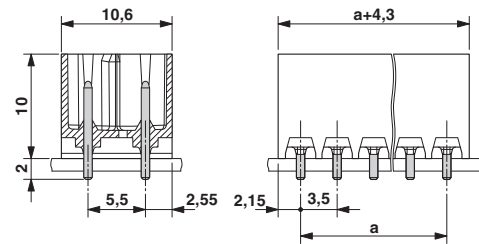
Typ: DFMC 1,5/...-ST-3,5 with DMCV 1,5/...-G1-3,5 P20 THR

Use of the CP-DMC... coding profile

Drilling diagram



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

Printed-circuit board connector - DMCV 1,5/19-G1-3,5 P20THR - 1787373

Classifications

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals


Approvals


Approvals


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

Ex Approvals

Approval details

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


IECCEB Scheme		http://www.ieccee.org/	DE1-56070_B1_B2
Nominal current IN		8 A	
Nominal voltage UN		160 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110128
Nominal current IN		B 8 A	C 8 A

Printed-circuit board connector - DMCV 1,5/19-G1-3,5 P20THR - 1787373

Approvals

	B	C
Nominal voltage UN	150 V	50 V

EAC		B.01742
-----	---	---------

Accessories

Accessories

Coding element

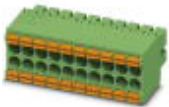
Coding profile - CP-DMC 1,5 NAT - 1790647

Coding profile, for insertion between the coding ribs of the connector and the header following the reflow soldering process, insulating material, color: natural



Additional products

Printed-circuit board connector - DFMC 1,5/19-ST-3,5 - 1790276



Plug, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 19 with 38 contacts, pitch: 3.5 mm, connection method: spring-cage connection, color: green, contact surface: tin