

Printed-circuit board connector - DMCV 1,5/ 7-G1F-3,5-LR P20THR - 1787441

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: 7, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR




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

Why buy this product

- Taped headers available on request
- Headers with flange can be combined with plugs with screw flange or with Lock & Release levers
- At 8 mm, the distance from the edge of the PCB to the first row of holes is compatible with MC headers
- Extremely small THR double-level headers for SMT and wave soldering processes



Key commercial data

Packing unit	50 pc
GTIN	 4 046356 597067
Weight per Piece (excluding packing)	3.8 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	10.6 mm
Height	12 mm
Pitch	3.5 mm
Dimension a	21 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5.50 mm
Hole diameter	1.4 mm

Printed-circuit board connector - DMCV 1,5/ 7-G1F-3,5-LR P20THR - 1787441

Technical data

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
Inflammability class according to UL 94	V0
Color	black
Number of positions	7

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

ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

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

Approvals

Approvals

Printed-circuit board connector - DMCV 1,5/ 7-G1F-3,5-LR P20THR - 1787441

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized		
	B	C
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	50 V


cUL Recognized		
	B	C
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	50 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	8 A
Nominal voltage UN	160 V

IECCE CB Scheme	
Nominal current IN	8 A
Nominal voltage UN	160 V

Printed-circuit board connector - DMCV 1,5/ 7-G1F-3,5-LR P20THR - 1787441

Approvals

cULus Recognized  US

Accessories

Accessories

Coding element

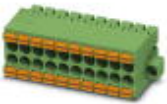
Coding profile - CP-DMC 1,5 NAT - 1790647

Coding profile, for plugging into the coding ribs of the plug or header at a later date, insulating material, color: natural



Additional products

Printed-circuit board connector - DFMC 1,5/ 7-STF-3,5 - 1790344



Plug, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7 with 14 contacts, pitch: 3.5 mm, connection method: spring-cage connection, color: green, contact surface: tin

Printed-circuit board connector - DFMC 1,5/ 7-ST-3,5-LR - 1790535

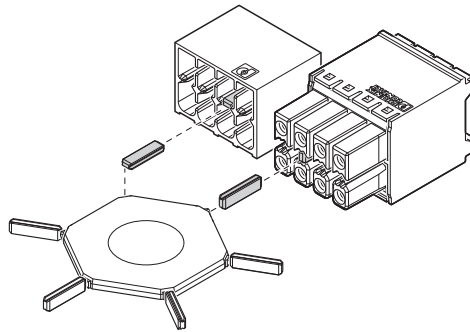


Plug, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 7 with 14 contacts, pitch: 3.5 mm, connection method: spring-cage connection, color: green, contact surface: tin

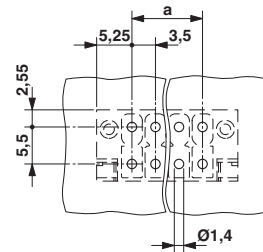
Drawings

Printed-circuit board connector - DMCV 1,5/ 7-G1F-3,5-LR P20THR - 1787441

Schematic diagram

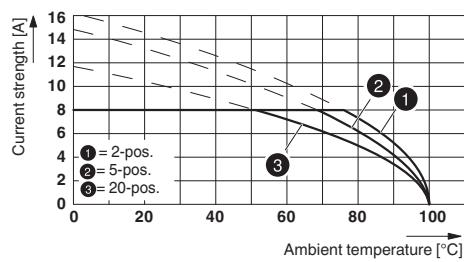


Drilling diagram

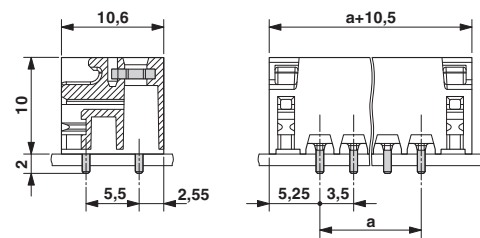


Use of the CP-DMC... coding profile

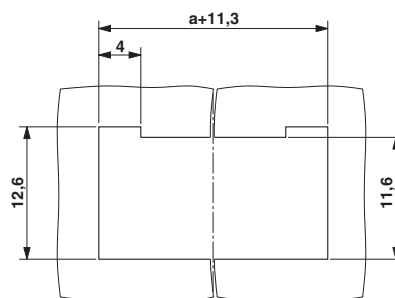
Diagram



Dimensioned drawing



Schematic diagram



Panel cutout