

Printed-circuit board connector - DMCV 1,5/12-G1-3,5 P20THR - 1787302

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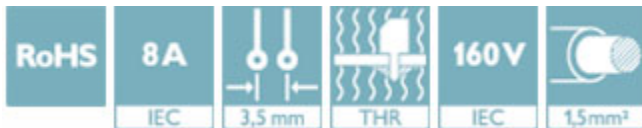
Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 12, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering



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



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 596923
GTIN	4046356596923
Weight per Piece (excluding packing)	4.800 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	10.6 mm
Pitch	3.5 mm
Dimension a	38.5 mm
Width [w]	42.8 mm
Constructional height	10 mm

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Technical data

Dimensions

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

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	12

Standards and Regulations

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

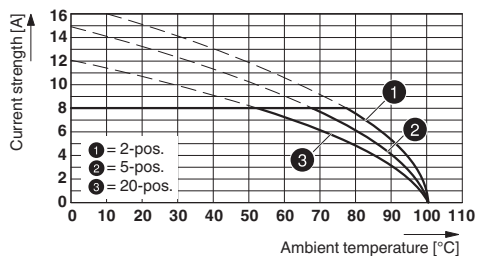
Environmental Product Compliance

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

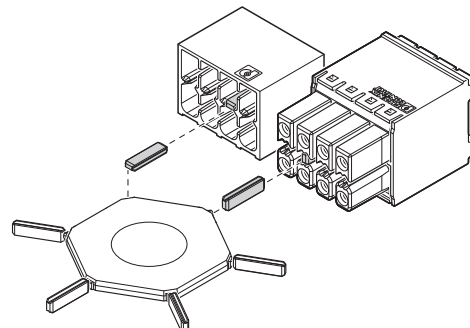
Drawings

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Diagram



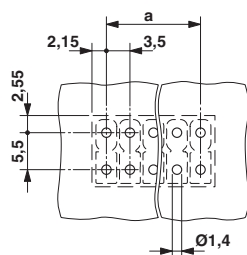
Schematic diagram



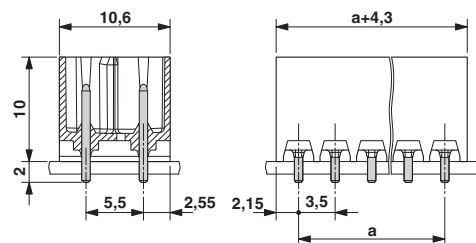
Typ: DFMC 1,5/...-ST-3,5 with DMCV 1,5/...-G1-3,5 P20 THR

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

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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 / cULus Recognized

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 I _N	8 A		
Nominal voltage U _N	160 V		

IECCEB Scheme		http://www.iecee.org/	DE1-56070_B1_B2
Nominal current I _N	8 A		
Nominal voltage U _N	160 V		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110128
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Approvals

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 current I _N	8 A	8 A	8 A
Nominal voltage U _N	300 V	50 V	300 V

Accessories

Accessories

Coding element

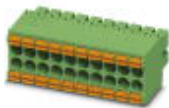
Coding profile - CP-DMC 1,5 NAT - 1790647



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 1,5/12-ST-3,5 - 1790205



Plug, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 12 with 24 contacts, pitch: 3.5 mm, connection method: spring-cage connection, color: green, contact surface: tin