

Printed-circuit board connector - MCV 1,5/11-GF-3,5 P20 THRR72 - 1780846

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"



The illustration shows an 10-position version

Why buy this product

- ✓ Designed for integration into the SMT soldering process
- ✓ Screwable flange for superior mechanical stability
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	180 STK
Minimum order quantity	180 STK
GTIN	 4 046356 544061
GTIN	4046356544061
Custom tariff number	85366990
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	6.9 mm
Pitch	3.50 mm
Dimension a	35 mm
Constructional height	9.2 mm
Length of the solder pin	2 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.4 mm

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Technical data

General

Range of articles	MCV 1,5/...GF-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	11

Standards and Regulations

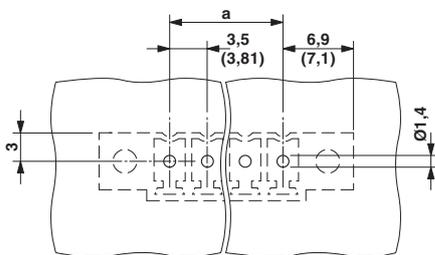
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

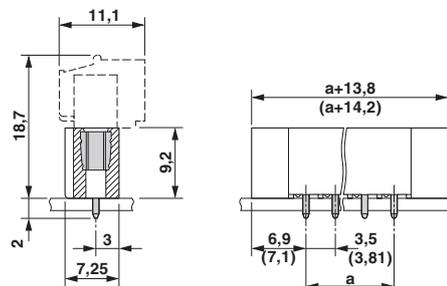
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Drilling diagram

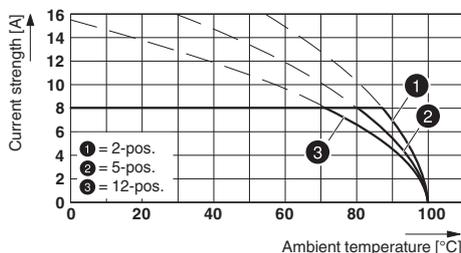


Dimensional drawing



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Diagram



Approvals

Approvals

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

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung <http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx> 40011723

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

	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

IECEx CB Scheme <http://www.iecee.org/> DE1-56063-B1B2

Nominal current I _N	8 A
Nominal voltage U _N	160 V

EAC B.01742

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