

Printed-circuit board connector - MCV 1,5/ 5-GF-3,5 P20 THRR56 - 1780723

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, 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	200 STK
Minimum order quantity	200 STK
GTIN	
GTIN	4046356544009
Custom tariff number	85366990
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	6.9 mm
Pitch	3.50 mm
Dimension a	14 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	5

Standards and Regulations

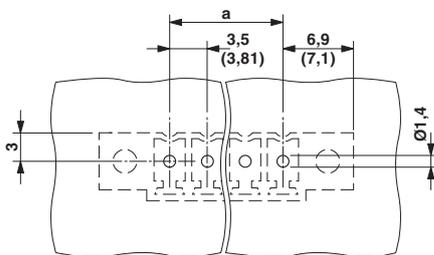
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

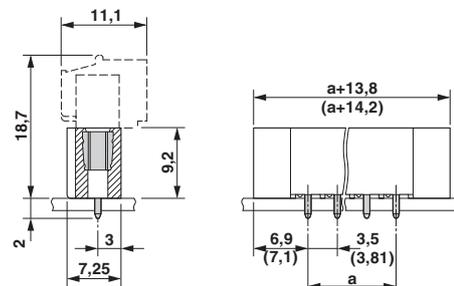
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Drilling diagram

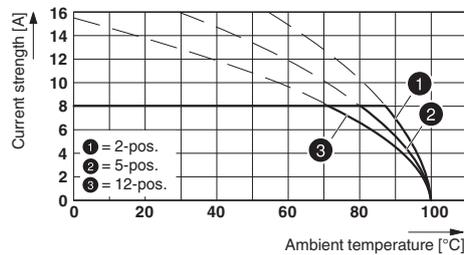


Dimensional drawing



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Diagram



Approvals

Approvals

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VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IECCEB 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

IECCEB 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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