Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Feed-through header - MCV 0,5/ 2-G-2,5 THT - 1963531

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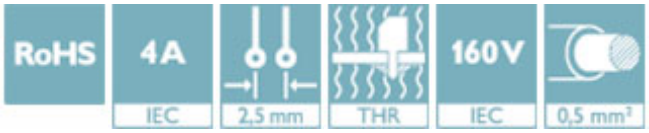
The figure shows a 10-position version of the product

PCB headers, nominal current: 4 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under “Downloads”

Why buy this product

- Designed for integration into the SMT soldering process
- Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 912345
GTIN	4017918912345

Technical data

Dimensions

Length [l]	8.1 mm
Width	6.9 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Width [w]	6.9 mm
Height [h]	10.1 mm
Constructional height	10.1 mm
Length of the solder pin	3.5 mm
Pin dimensions	0.8 x 0.8 mm
Pin spacing	2.50 mm
Length	8.1 mm

General

Feed-through header - MCV 0,5/ 2-G-2,5 THT - 1963531

Technical data

General

Range of articles	MCV 0,5/..-G-THT
Insulating material group	IIIa
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	32 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	4 A
Maximum load current	4 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	2

Standards and Regulations

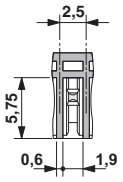
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

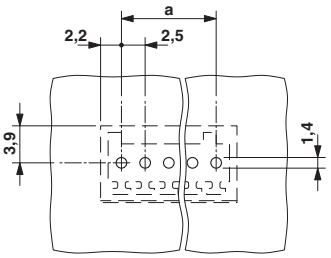
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing

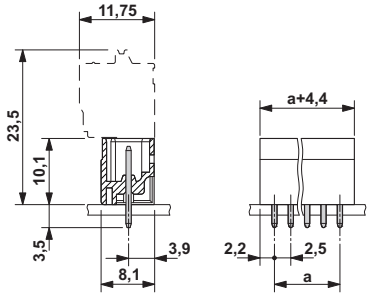


Drilling diagram



Feed-through header - MCV 0,5/ 2-G-2,5 THT - 1963531

Dimensional drawing



Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung	VDE	http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40013394

Nominal voltage UN	32 V
Nominal current IN	4 A

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-56068-B1B2

Nominal voltage UN	32 V
Nominal current IN	4 A

CCA	CCA/ DE1 34250
Nominal voltage UN	32 V
Nominal current IN	4 A

Feed-through header - MCV 0,5/ 2-G-2,5 THT - 1963531

Approvals

EAC	EAC	B.01742

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19930913

	B
Nominal voltage UN	125 V
Nominal current IN	4 A

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