

Feed-through header - ICV 2,5/ 2-GF-5,08 - 1825695

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PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4017918049850

Technical data

Item properties

Brief article description	Feed-through header
Plug-in system	CLASSIC COMBICON
Type of contact	Female connector
Range of articles	ICV 2,5/..-GF
Pitch	5.08 mm
Number of positions	2
Mounting type	Wave soldering
Pin layout	Linear pinning
Locking	Threaded flange
Number of levels	1
Number of connections	2

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Technical data

Item properties

Number of potentials	2
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Electrical parameters

Rated current	12 A
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Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Metal surface contact area (top layer)	Tin (4 - 8 µm Sn)
Metal surface soldering area (top layer)	Tin (4 - 8 µm Sn)

Material data - housing

Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850
Glow wire ignition temperature GWIT according to EN 60695-2-13	775
Temperature for the ball pressure test according to EN 60695-10-2	125 °C

Dimensions for the product

Length [l]	10.2 mm
Width [w]	20.28 mm
Height [h]	22.5 mm
Pitch	5.08 mm
Height (without solder pin)	19 mm
Solder pin [P]	3.5 mm
Pin spacing	5.08 mm
Pin dimensions	0.5 x 1.14 mm
Dimension a	5.08 mm

Dimensions for PCB design

Hole diameter	1.4 mm
Pin spacing	5.08 mm

Packaging information

Type of packaging	packed in cardboard
Pieces per package	50
Denomination packing units	Pcs.

Air clearances and creepage distances

Rated insulation voltage (III/3)	320 V
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Standards and Regulations

Connection in acc. with standard	EN-VDE
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Standards and Regulations

	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals


Approvals


Approvals


CSA / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
		B	D
Nominal voltage UN		300 V	300 V
Nominal current IN		10 A	10 A


IECEE CB Scheme		http://www.iecee.org/	DE1-60988-B1B2
Nominal voltage UN		250 V	
Nominal current IN		12 A	

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701
Nominal voltage UN		250 V	
Nominal current IN		12 A	

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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	E60425-19931014
	B	D	
Nominal voltage UN	250 V	300 V	
Nominal current IN	12 A	10 A	

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