

## Feed-through header - GIC 2,5/ 3-G-7,62 - 1828689

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PCB headers, nominal current: 12 A, number of positions: 3, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

### Your advantages

- ✓ Use in shock-proof applications up to 630 V (III/2)
- ✓ Clear separation of PCB inputs/outputs
- ✓ 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
- ✓ Larger pitch for increased voltage requirements



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 050597
GTIN	4017918050597
Weight per Piece (excluding packing)	5.100 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	19 mm
Width	22.76 mm

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## Technical data

### Dimensions

Pitch	7.62 mm
Dimension a	15.24 mm
Width [ w ]	22.76 mm
Height [ h ]	13.7 mm
Height	10.2 mm
Length of the solder pin	3.5 mm
Pin dimensions	0.48 x 1.14 mm
Pin spacing	5.08 mm
Length	19 mm

### General

Range of articles	GIC 2,5/..-G
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	3

### Standards and Regulations

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

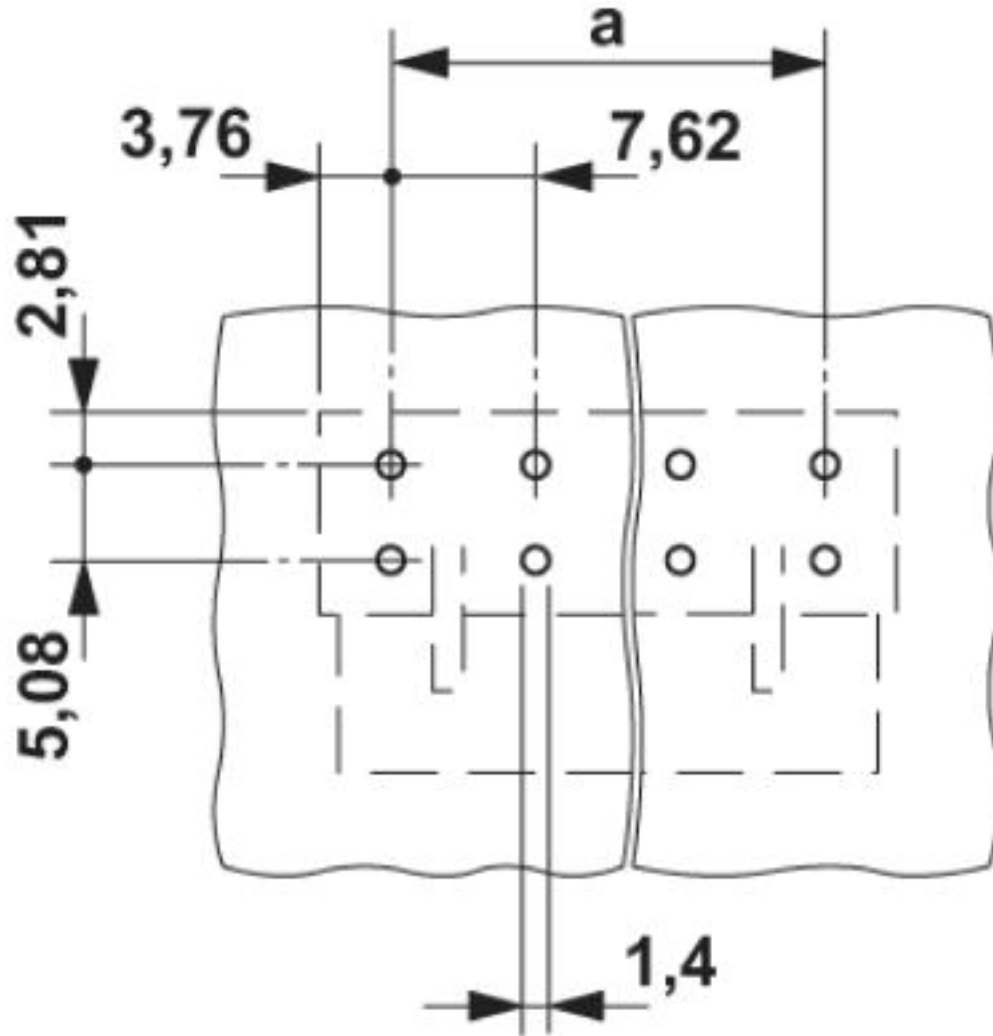
### Environmental Product Compliance

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

## Drawings

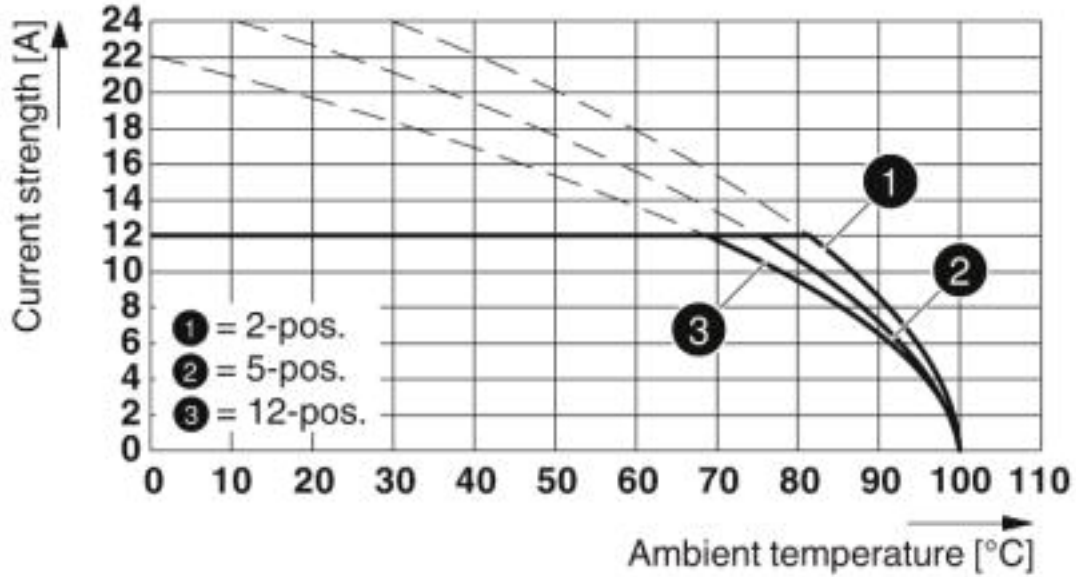
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Drilling diagram



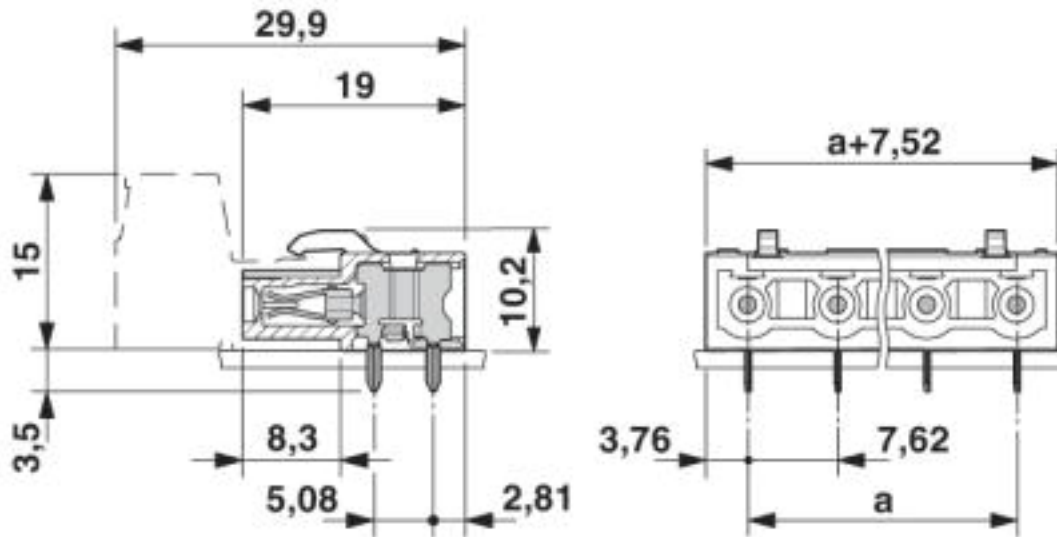
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Diagram



Type: GIC 2,5/...-ST-7,62 with GIC 2,5/...-G-7,62

Dimensional drawing



## Classifications

eCl@ss

eCl@ss 4.0	27260700
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### Classifications

#### eCl@ss

eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

#### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

### Approvals

#### Approvals

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#### Approvals

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

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#### Ex Approvals


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#### Approval details

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## Approvals

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

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60988-B1B2
Nominal voltage UN	400 V		
Nominal current IN	12 A		

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40004701
Nominal voltage UN	400 V		
Nominal current IN	12 A		

EAC			B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931014
	B	D	
Nominal voltage UN	250 V	300 V	
Nominal current IN	12 A	10 A	

## Accessories

Accessories

Coding element

## Feed-through header - GIC 2,5/ 3-G-7,62 - 1828689

### Accessories

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



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### Labeled terminal marker

Marker card - SK 7,62/3,8:FORTL.ZAHLEN - 0804549

Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: adhesive, for terminal block width: 7.62 mm, lettering field size: 7.62 x 3.8 mm



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### Test plug terminal block

Test plugs - MPS-MT - 0201744

Test plugs, with solder connection up to 1 mm<sup>2</sup> conductor cross section, color: gray



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Reducing plug - RPS - 0201647

Reducing plug, color: gray



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### Additional products

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### Accessories

Feed-through header - GMSTBV 2,5/ 3-G-7,62 - 1766576

PCB headers, nominal current: 12 A, number of positions: 3, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering



Feed-through header - GMSTBA 2,5/ 3-G-7,62 - 1766246

PCB headers, nominal current: 12 A, number of positions: 3, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering



Feed-through header - GMSTB 2,5/ 3-G-7,62 - 1766136

PCB headers, nominal current: 12 A, number of positions: 3, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering



Feed-through header - GMSTBVA 2,5/ 3-G-7,62 - 1766783

PCB headers, nominal current: 12 A, number of positions: 3, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering



Printed-circuit board connector - GIC 2,5/ 3-ST-7,62 - 1828812

PCB connector, nominal current: 12 A, number of positions: 3, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin





