

## Base strip - GICV 2,5/ 5-G-7,62 - 1828948

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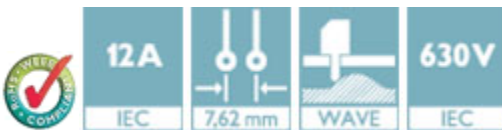
Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

### Product Features

- Pairs of guide rails can be used as a 90° board-to-board connection
- Combination with GMSTB 2,5 headers for primary/secondary/PCB connection
- Use in shock-proof applications up to 630 V (III/2)
- Clear separation of PCB inputs/outputs



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	7.29 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	10.2 mm
Pitch	7.62 mm
Dimension a	30.48 mm
Constructional height	19 mm
Length of the solder pin	3.6 mm
Pin dimensions	1,2 x 0,5
Hole diameter	1.4 mm

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### Technical data

#### General

Range of articles	GICV 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	5

#### Standards and Regulations

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

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
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

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted


## Approval details


CSA			
	B	D	
	Nominal current IN	10 A	10 A
	Nominal voltage UN	300 V	300 V


UL Recognized			
	B	D	
	Nominal current IN	12 A	10 A
	Nominal voltage UN	250 V	300 V

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## Approvals


VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	12 A
Nominal voltage UN	400 V

cUL Recognized 		
	B	D
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

IECEE CB Scheme 	
Nominal current IN	12 A
Nominal voltage UN	400 V

EAC
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EAC
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cULus Recognized 
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## Accessories

Accessories

Coding element

## Base strip - GICV 2,5/ 5-G-7,62 - 1828948

### 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: 7.62 x 3.8 mm

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### Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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### Additional products

## Base strip - GICV 2,5/ 5-G-7,62 - 1828948

### Accessories

#### Base strip - GMSTBV 2,5/ 5-G-7,62 - 1766592

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#### Base strip - GMSTB 2,5/ 5-G-7,62 - 1766152

Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



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#### Base strip - GMSTBA 2,5/ 5-G-7,62 - 1766262

Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



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#### Base strip - GMSTBVA 2,5/ 5-G-7,62 - 1766806

Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



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#### Printed-circuit board connector - GIC 2,5/ 5-ST-7,62 - 1828838

Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

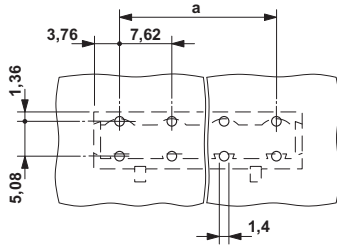


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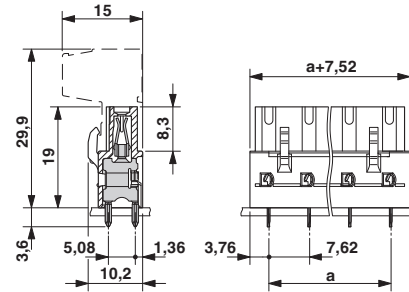
### Drawings

# Base strip - GICV 2,5/ 5-G-7,62 - 1828948

Drilling diagram



Dimensional drawing



# Mouser Electronics

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