

## Printed-circuit board connector - GFKC 2,5/ 6-STF-7,62 EX - 1796254

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PCB connector, nominal current: 12 A, rated voltage (III/2): 630 V, nominal current (Ex): 12 A, nominal voltage (Ex): 352 V, number of positions: 6, pitch: 7.62 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



The figure shows a 10-position version of the product

### Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Larger pitch for increased voltage requirements
- Intuitive use through colour coded actuation lever
- Can be combined with the MSTB 2',5 range
- Screwable flange for superior mechanical stability
- Quick and convenient testing using integrated test option



### Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 636360
GTIN	4046356636360

### Technical data

#### Dimensions

Length [ l ]	25.6 mm
Width [ w ]	55.32 mm
Height [ h ]	15 mm
Pitch	7.62 mm
Dimension a	38.1 mm

#### General

Range of articles	GFKC 2,5/..-STF-EX
Type of contact	Female connector

# Printed-circuit board connector - GFKC 2,5/ 6-STF-7,62 EX - 1796254

## Technical data

### General

Number of positions	6
Connection method	Push-in spring connection
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)	400 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Nominal cross section	2.5 mm <sup>2</sup>
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

### Standards and Regulations

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

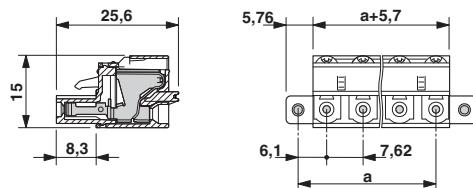
### Environmental Product Compliance

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

### Drawings

## Printed-circuit board connector - GFKC 2,5/ 6-STF-7,62 EX - 1796254

Dimensional drawing



### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

EAC Ex

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#### Approval details

EAC



B.01742

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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