

# Printed-circuit board connector - GFKC 2,5/ 2-STF-7,62 EX - 1796212

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)

Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Nominal current (Ex): 12 A, Nominal voltage (Ex): 352 V, Number of positions: 2, Pitch: 7.62 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

## Why buy this product

- Plug-in direction parallel to the conductor axis
- Ex approval for voltages up to 275/352 V, observe voltage specifications for headers



## Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 349 (CC-2011)
GTIN	 4 046356 636322
Custom tariff number	85366990
Country of origin	GERMANY

## Technical data

### Dimensions / positions

Pitch	7.62 mm
Dimension a	7.62 mm
Number of positions	2

### Technical data

Range of articles	GFKC 2,5/..-STF-EX
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/2)	630 V
Rated voltage (II/2)	1000 V

# Printed-circuit board connector - GFKC 2,5/ 2-STF-7,62 EX - 1796212

## Technical data

### Technical data

Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	400 V
Nominal cross section	2.5 mm <sup>2</sup>
Insulating material	PA
Inflammability class 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 stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil 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 mm <sup>2</sup>

## Classifications

### eclass

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

### etim

ETIM 4.0	EC002638
----------	----------

### unspsc

UNSPSC 6.01	30211810
-------------	----------

# Printed-circuit board connector - GFKC 2,5/ 2-STF-7,62 EX - 1796212

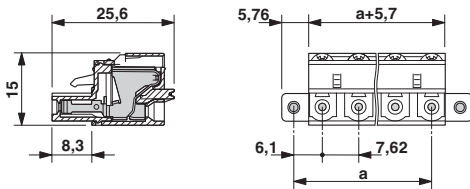
## Classifications

unspsc

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Drawings

Dimensioned drawing



© Phoenix Contact 2012 - all rights reserved  
<http://www.phoenixcontact.com>