



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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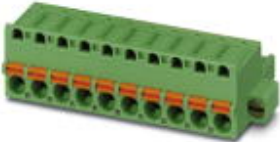
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## Printed-circuit board connector - FKC 2,5/10-STF-5,08-EX - 1903355

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Plug component, Nominal current: 11 A, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin, The current, voltage and conductor cross section data refer to EU type-examination certificate No. KEMA 99ATEX3508U. The Ex rating is only valid in connection with ground terminal block ZFKK 1,5-MSTBV-5,08-PE/F-EX, order no. 1903232



The figure shows a 10-position version of the product



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	18.67 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	5.08 mm
Dimension a	45.72 mm

#### General

Range of articles	FKC 2,5/..-STF-EX
Rated voltage (III/3)	175 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	11 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A (with 2.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm
Number of positions	10

# Printed-circuit board connector - FKC 2,5/10-STF-5,08-EX - 1903355

## Technical data

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 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.	0.5 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.	0.5 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.	20
Conductor cross section AWG/kcmil max	14
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

### 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

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

### UNSPSC

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

## Approvals

### Approvals

# Printed-circuit board connector - FKC 2,5/10-STF-5,08-EX - 1903355

## Approvals

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Approvals

GOST

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Ex Approvals

ATEX / IECEx

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Approvals submitted

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## Approval details



## Drawings

Dimensioned drawing

