

# Printed-circuit board connector - FK-MC 0,5/ 6-ST-2,5 BKBDWH:1-6 - 1754131

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Plug component, Nominal current: 4 A, Number of positions: 6, Pitch: 2.5 mm, Connection method: Spring-cage connection, Color: black, Contact surface: Tin

## Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	4.4 GRM
Custom tariff number	85366990
Country of origin	Germany

## Technical data

### Dimensions

Pitch	2.5 mm
Dimension a	12.5 mm

### General

Range of articles	FK-MC 0,5/...-ST
Rated voltage (III/3)	100 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	4 A
Nominal cross section	0.5 mm <sup>2</sup>
Stripping length	8 mm
Number of positions	6

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	0.5 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.	0.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	28

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## Technical data

### Connection data

Maximum AWG according to UL/CUL	20
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## 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

### 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

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#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECCE CB Scheme / GOST / CCA / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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## Approvals

### Approval details

UL Recognized	
	B
mm <sup>2</sup> /AWG/kcmil	28-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	125 V

VDE Gutachten mit Fertigungsüberwachung	
mm <sup>2</sup> /AWG/kcmil	0.2-0.5
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	100 V

cUL Recognized	
	B
mm <sup>2</sup> /AWG/kcmil	28-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	125 V

GOST	
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IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	0.2-0.5
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	100 V

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CCA	
mm <sup>2</sup> /AWG/kcmil	0.2-0.5
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	100 V

