

## Printed-circuit board connector - FMC 0,5/ 2-ST-2,54 - 1821096

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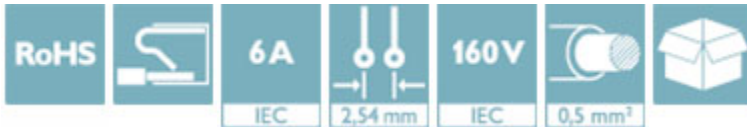
Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 2.54 mm, Connection method: Push-in spring connection, Color: black, Contact surface: Gold




The figure shows a 10-position version of the product

### Why buy this product

- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Optimized for tight installation situations: operation and conductor connection from one direction



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 789158
GTIN	4046356789158
Weight per Piece (excluding packing)	0.400 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	14 mm
Height	5.35 mm
Width	5.58 mm
Pitch	2.54 mm

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## Technical data

### Dimensions

Dimension a	2.54 mm
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### General

Range of articles	FMC 0,5/...-ST
Type of contact	Female connector
Number of positions	2
Connection method	Push-in spring connection
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	32 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	6 A
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Stripping length	7 mm

### 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 flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	0.5 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.	0.34 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.25 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20

### Standards and Regulations

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

### Environmental Product Compliance

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## Technical data

### Environmental Product Compliance

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

## Approvals


### Approvals


#### Approvals


cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / EAC

#### Ex Approvals

### Approval details

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19920306
	B	C	
mm <sup>2</sup> /AWG/kcmil	26-20	26-20	
Nominal current I <sub>N</sub>	6 A	6 A	
Nominal voltage U <sub>N</sub>	150 V	50 V	

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40042258
mm <sup>2</sup> /AWG/kcmil	0.14-0.5		
Nominal current I <sub>N</sub>	6 A		
Nominal voltage U <sub>N</sub>	160 V		

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-55663-B1
mm <sup>2</sup> /AWG/kcmil	0.14-0.5		
Nominal current I <sub>N</sub>	6 A		

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### Approvals

Nominal voltage UN	160 V

EAC		B.01742
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