

Printed-circuit board connector - FMC 0,5/ 7-ST-2,54 C2 - 1706238

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://phoenixcontact.com/download>)

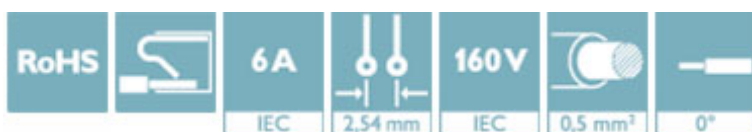
Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 2.54 mm, connection method: Push-in spring connection, color: black, contact surface: Gold, Fixed coding of last position; can be combined with MC(V) 0,5/...-G-2,54...C2 headers



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	100 STK
GTIN	
GTIN	4046356841306

Technical data

Dimensions

Length [l]	15.4 mm
Width [w]	18.24 mm
Height [h]	5.4 mm
Pitch	2.54 mm
Dimension a	15.24 mm

General

Range of articles	FMC 0,5/...-ST
Type of contact	Female connector
Number of positions	7
Connection method	Push-in spring connection

Printed-circuit board connector - FMC 0,5/ 7-ST-2,54 C2 - 1706238

Technical data

General

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 ²
Insulating material	LCP
Flammability rating according to UL 94	V0
Stripping length	7 mm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.34 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.25 mm ²
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

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

Approvals

Approvals

Approvals

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

Printed-circuit board connector - FMC 0,5/ 7-ST-2,54 C2 - 1706238

Approvals

Ex Approvals

Approval details

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920306		
	B	C
mm²/AWG/kcmil	26-20	26-20
Nominal current I _N	6 A	6 A
Nominal voltage U _N	150 V	50 V

VDE Gutachten mit Fertigungsüberwachung  http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx 40042258		
mm²/AWG/kcmil	0.14-0.5	
Nominal current I _N	6 A	
Nominal voltage U _N	160 V	

IECEE CB Scheme  http://www.iecee.org/ DE1-55663-B1		
mm²/AWG/kcmil	0.14-0.5	
Nominal current I _N	6 A	
Nominal voltage U _N	160 V	

EAC		B.01742
-----	---	---------

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

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