



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

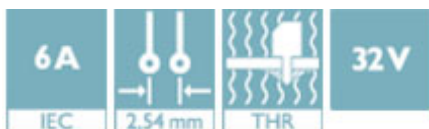
Printed-circuit board connector - MCV 0,5/16-G-2,54 SMD R72 - 1821685

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>)

Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: SMD soldering, Sample values available under SAMPLE MC...



The illustration shows the 10-position version



Key Commercial Data

Packing unit	315 STK
Minimum order quantity	315 STK
GTIN	 4 046356 789844

Technical data

Dimensions

Length	4.8 mm
Pitch	2.54 mm
Dimension a	38.1 mm
Width	45.18 mm
Height	7.1 mm
Pin dimensions	0,64 x 0,64 mm

General

Range of articles	MCV 0,5/...-G-SMD
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

Printed-circuit board connector - MCV 0,5/16-G-2,54 SMD R72 - 1821685

Technical data

General

Nominal current I _N	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	16

Standards and Regulations

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

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
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

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

Approvals

Approvals

Approvals

EAC / cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme

Printed-circuit board connector - MCV 0,5/16-G-2,54 SMD R72 - 1821685

Approvals

Ex Approvals

Approvals submitted

Approval details

EAC

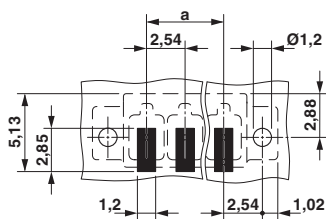
cULus Recognized		
	B	C
Nominal current IN	6 A	6 A
Nominal voltage UN	150 V	50 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	6 A
Nominal voltage UN	160 V

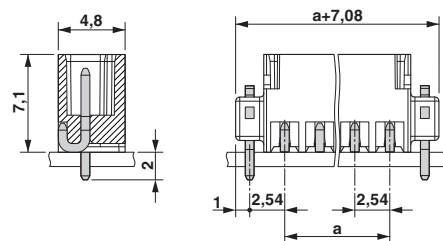
IECEE CB Scheme	
Nominal current IN	6 A
Nominal voltage UN	160 V

Drawings

Drilling diagram

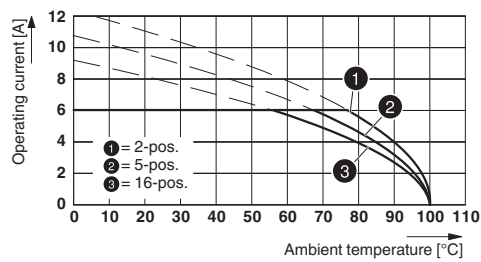


Dimensional drawing



Printed-circuit board connector - MCV 0,5/16-G-2,54 SMD R72 - 1821685

Diagram



Type FMC 0,5/...-ST-2,54 with MCV 0,5/...-G-2,54 SMD R..

Phoenix Contact 2016 © - 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>

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: Taped SMD/THT/THR components, Sample values available under SAMPLE MC...	1821685	MCV 0,5/16-G-2,54 SMD R72	Buy on EAN