

Printed-circuit board connector - MCV 0,5/16-G-2,54 SMDR72C1 - 1706094

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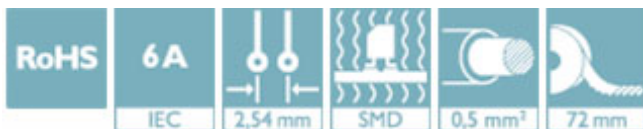
PCB headers, nominal current: 6 A, number of positions: 16, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: SMD soldering, Fixed coding of the first position, can be combined with the FMC 0,5/...-ST-2,54 C1 connector



The figure shows the 10-position version

Your advantages

- ✓ Designed for integration into the SMT soldering process
- ✓ Additional solder anchors reduce the mechanical strain on the soldering spots
- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting



Key Commercial Data

Packing unit	315 pc
Minimum order quantity	315 pc
GTIN	 4 046356 842440
GTIN	4046356842440

Technical data

Dimensions

Length [l]	4.85 mm
Width	45.22 mm
Pitch	2.54 mm
Dimension a	38.1 mm
Width [w]	45.22 mm
Height [h]	7.1 mm
Height	7.1 mm
Length of the solder pin	2 mm

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Technical data

Dimensions

Pin dimensions	0.64 x 0.64 mm
Length	4.85 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
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

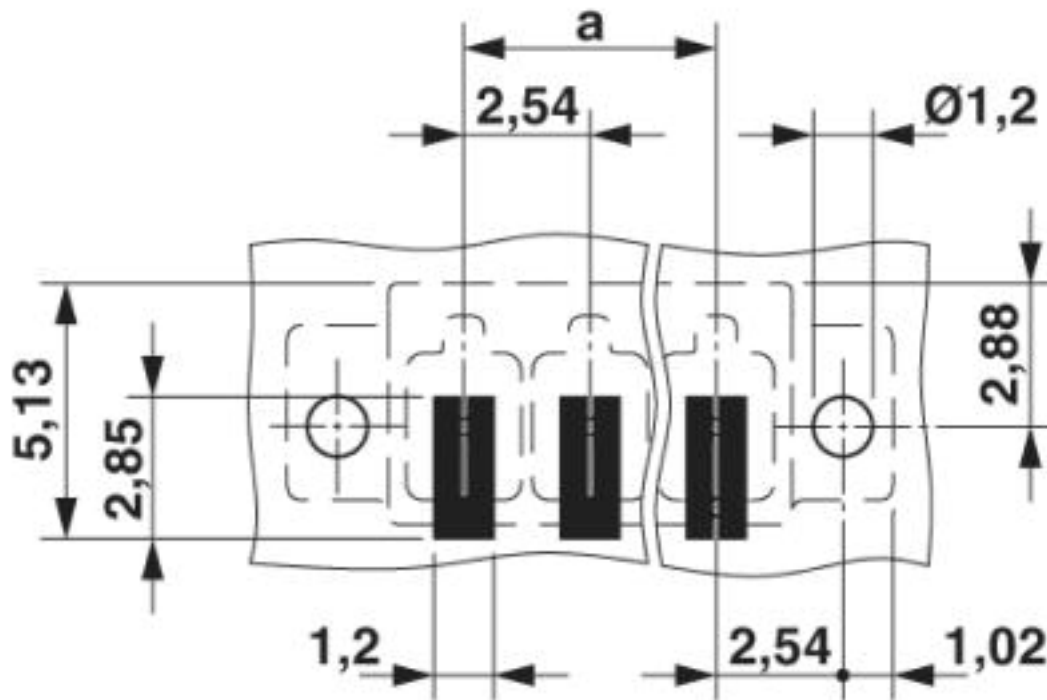
Environmental Product Compliance

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

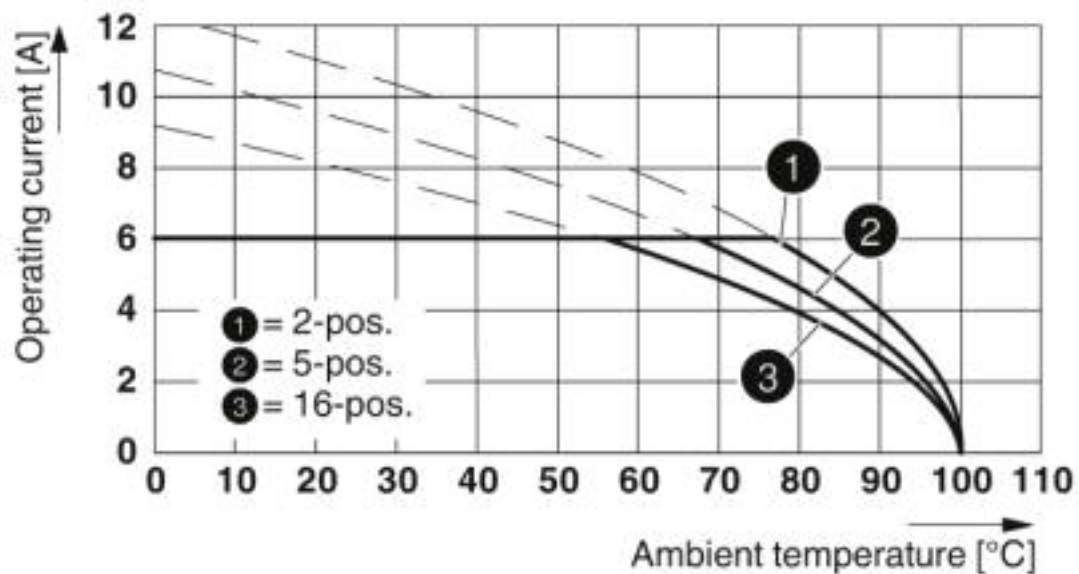
Drawings

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Drilling diagram



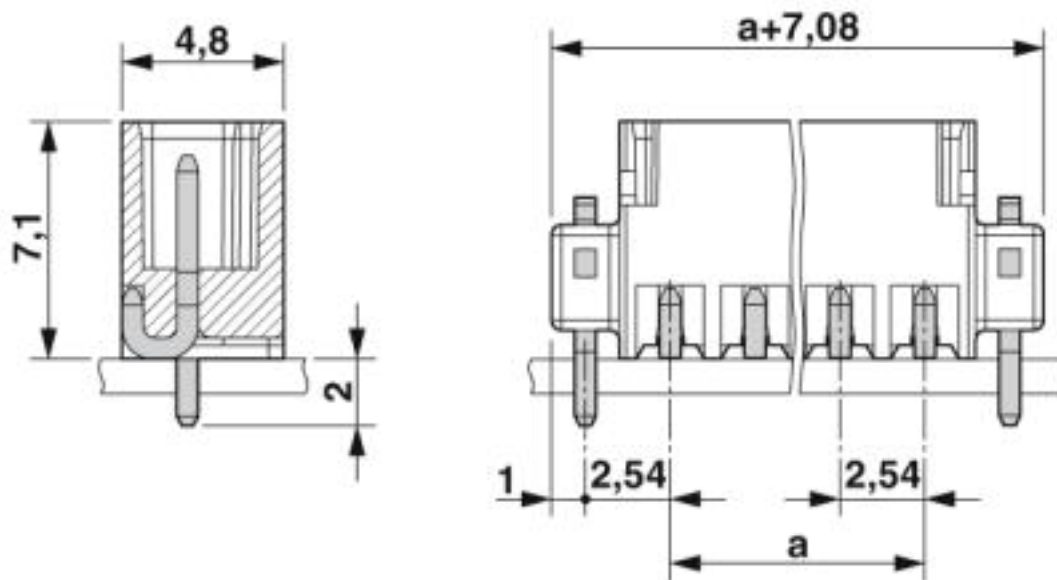
Diagram



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

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Dimensional drawing



Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-55663-B1
Nominal voltage UN	160 V		
Nominal current IN	6 A		

VDE Gutachten mit Fertigungsüberwachung	VDE	http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40042258
Nominal voltage UN	160 V		

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Approvals

Nominal current I _N	6 A

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19920306
	B	C	
Nominal voltage U _N	150 V	50 V	
Nominal current I _N	6 A	6 A	

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