

Printed-circuit board connector - MCV 0,5/10-G-2,54 SMD R56 - 1821627

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Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 10, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: SMD soldering, Sample values available under SAMPLE MC...



Why buy this product

- ✓ 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 STK
Minimum order quantity	315 STK
GTIN	 4 046356 789783
GTIN	4046356789783

Technical data

Dimensions

Length [l]	4.85 mm
Pitch	2.54 mm
Dimension a	22.86 mm
Width [w]	29.98 mm
Height [h]	9.1 mm
Pin dimensions	0,64 x 0,64
Hole diameter	1.2 mm

General

Range of articles	MCV 0,5/...-G-SMD
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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
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	10

Standards and Regulations

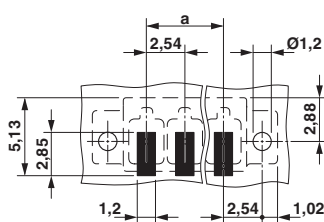
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

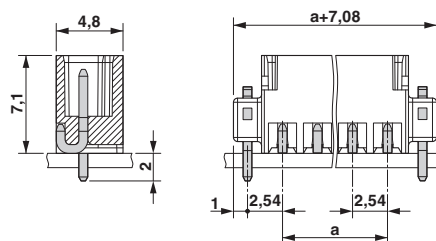
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram

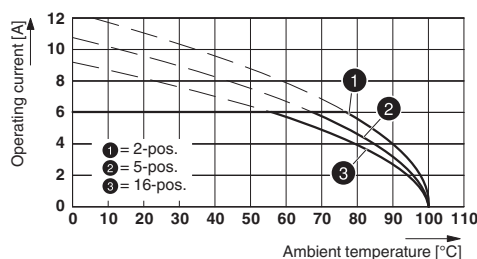


Dimensional drawing



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Diagram



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

Approvals

Approvals

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

Ex Approvals

Approval details

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920306		
	B	C
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		
Nominal current I _N	6 A	
Nominal voltage U _N	160 V	

IECEx CB Scheme  http://www.iecee.org/ DE1-55663-B1		
Nominal current I _N	6 A	
Nominal voltage U _N	160 V	

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Approvals

EAC



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