

Printed-circuit board connector - MC 0,5/10-G-2,54 SMD R44 - 1821779

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PCB headers, 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
- Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting



Key Commercial Data

Packing unit	465 STK
Minimum order quantity	465 STK
GTIN	
GTIN	4046356789936

Technical data

Dimensions

Length [l]	7.1 mm
Width	29.98 mm
Pitch	2.54 mm
Dimension a	22.86 mm
Width [w]	29.98 mm
Height [h]	6.85 mm
Pin dimensions	0.64 x 0.64 mm
Length	7.1 mm

General

Range of articles	MC 0,5/...-G-SMD
Insulating material group	IIIa

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Technical data

General

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

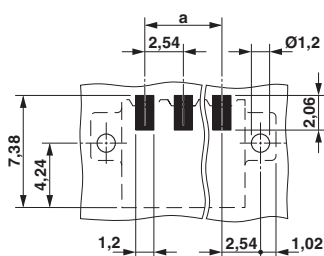
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

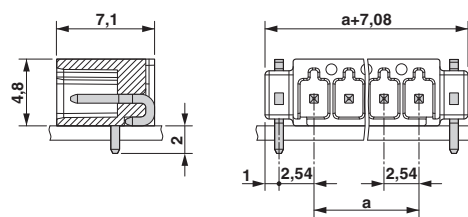
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

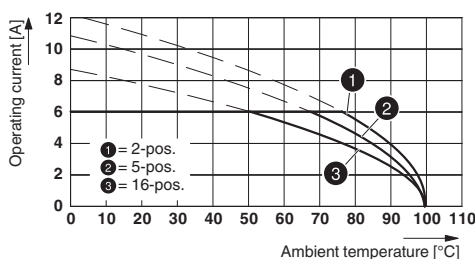
Drilling diagram



Dimensional drawing



Diagram



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

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Approvals

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cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60335 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 voltage UN		150 V	50 V
Nominal current IN		6 A	6 A

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40042258
Nominal voltage UN		160 V	
Nominal current IN		6 A	

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

EAC			B.01742
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