

Printed-circuit board connector - MC 0,5/ 2-G-2,54 P20 THR R24 - 1821245

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



The figure shows the 10-position version

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	 4 046356 789400
GTIN	4046356789400

Technical data

Dimensions

Length [l]	7.1 mm
Pitch	2.54 mm
Dimension a	2.54 mm
Width [w]	9.66 mm
Constructional height	4.85 mm
Height [h]	6.85 mm
Length of the solder pin	2 mm
Pin dimensions	0,64 x 0,64
Pin spacing	2.54 mm

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Technical data

Dimensions

Hole diameter	1.2 mm
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General

Range of articles	MC 0,5/...-G-THR
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	2

Standards and Regulations

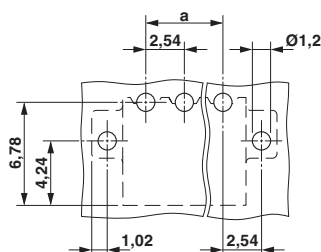
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

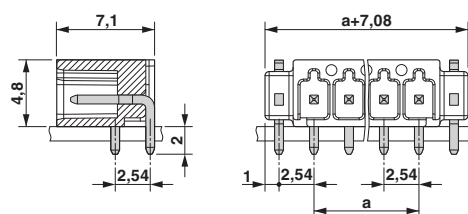
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram

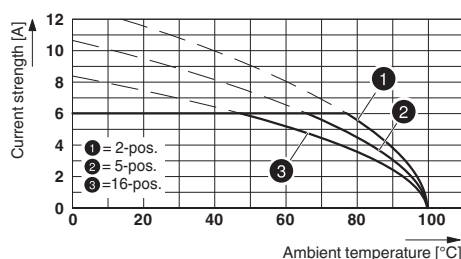


Dimensional drawing



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Diagram



Type: FMC 0,5/...-ST-2,54 with MC 0,5/...-G-2,54 P20 THR R..

Approvals

Approvals

Approvals

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	

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Approvals

Nominal voltage UN	160 V

EAC		B.01742
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