

Printed-circuit board connector - MCV 0,5/ 7-G-2,54 P20THRR44C1 - 1706181

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Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 7, pitch: 2.54 mm, color: black, contact surface: Gold, mounting: THR 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

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 841757
GTIN	4046356841757

Technical data

Dimensions

Length [l]	4.8 mm
Pitch	2.54 mm
Dimension a	15.24 mm
Width [w]	22.32 mm
Height [h]	7.1 mm
Length of the solder pin	2 mm
Pin dimensions	0,64 x 0,64 mm
Hole diameter	1.2 mm

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Technical data

General

Range of articles	MCV 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	7

Standards and Regulations

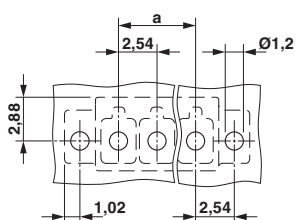
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

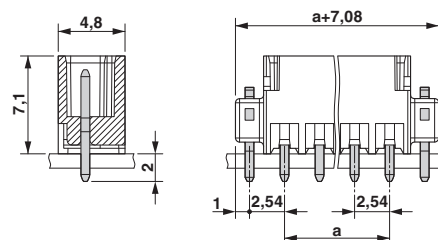
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



Approvals

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

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Approvals

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		

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

EAC			B.01742
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