

Printed-circuit board connector - MC 0,5/16-G-2,54 P20 THR R56 - 1821384

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 16, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: THR soldering, Sample values available under SAMPLE MC...



The illustration 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



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	465 STK
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	7.1 mm
Pitch	2.54 mm
Dimension a	38.1 mm
Width	45.22 mm
Constructional height	4.85 mm
Height	6.85 mm
Length of the solder pin	2 mm
Pin dimensions	0,64 x 0,64

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Technical data

Dimensions

Pin spacing	2.54 mm
Hole diameter	1.2 mm

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	16

Standards and Regulations

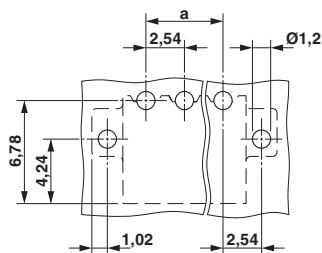
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

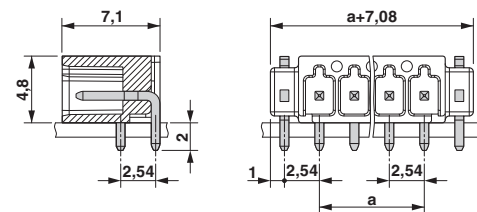
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram

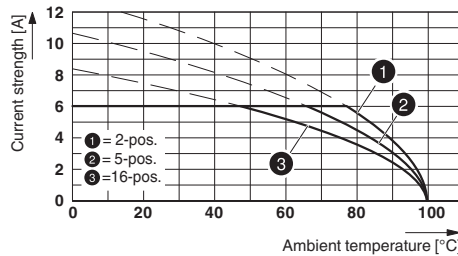


Dimensional drawing



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Diagram



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

Approvals

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cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60335-1 / 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

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Approvals

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
