

Printed-circuit board connector - MC 0,5/ 2-G-2,54 P20THRR24C2 - 1706207

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

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, Fixed coding of the last position, can be combined with the FMC 0,5/...-ST-2,54 C2 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
- ✓ 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	4046356841559

Technical data

Dimensions

Length [l]	7.1 mm
Pitch	2.54 mm
Dimension a	2.54 mm
Width [w]	9.62 mm
Height [h]	4.8 mm
Length of the solder pin	2 mm
Pin dimensions	0,64 x 0,64 mm
Hole diameter	1.2 mm

Printed-circuit board connector - MC 0,5/ 2-G-2,54 P20THRR24C2 - 1706207

Technical data

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

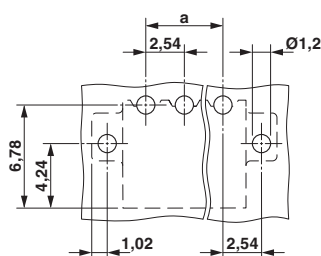
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

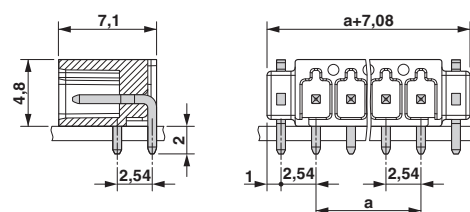
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



Approvals

Approvals

Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / EAC

Printed-circuit board connector - MC 0,5/ 2-G-2,54 P20THRR24C2 - 1706207

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
-----	---	---------

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>