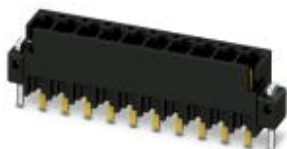


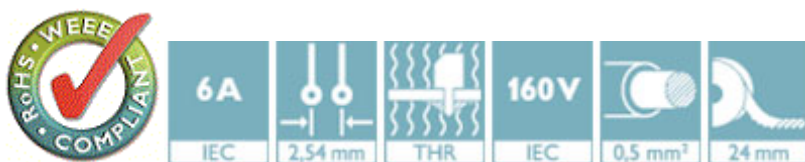
Printed-circuit board connector - MCV 0,5/ 3-G-2,54 P20 THR R24 - 1821407

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, 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



Key Commercial Data

Packing unit	315 STK
Minimum order quantity	315 STK
GTIN	 4 046356 789561
Custom tariff number	85366990
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	4.8 mm
Pitch	2.54 mm
Dimension a	5.08 mm
Width	12.16 mm
Height	7.1 mm
Length of the solder pin	2 mm
Pin dimensions	0,64 x 0,64 mm
Hole diameter	1.2 mm

General

Range of articles	MCV 0,5/...-G-THR
Insulating material group	IIIa

Printed-circuit board connector - MCV 0,5/ 3-G-2,54 P20 THR R24 - 1821407

Technical data

General

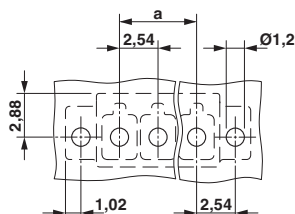
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	32 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	3

Standards and Regulations

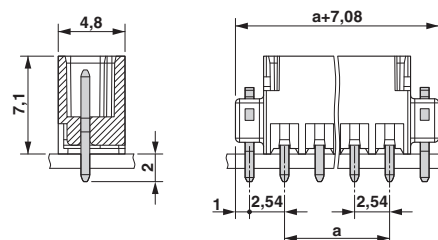
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Drawings

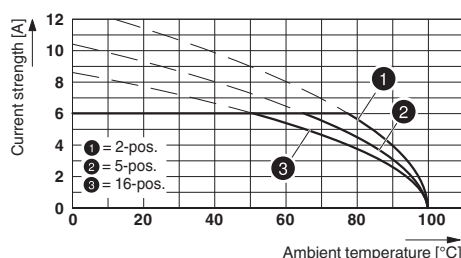
Drilling diagram



Dimensional drawing



Diagram



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

Printed-circuit board connector - MCV 0,5/ 3-G-2,54 P20 THR R24 - 1821407

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

cULus Recognized		
	B	C
Nominal current I _N	6 A	6 A

Printed-circuit board connector - MCV 0,5/ 3-G-2,54 P20 THR R24 - 1821407

Approvals

	B	C
Nominal voltage UN	150 V	50 V

VDE Gutachten mit Fertigungsüberwachung 

Nominal current IN	6 A
Nominal voltage UN	160 V

IECEE CB Scheme 

Nominal current IN	6 A
Nominal voltage UN	160 V

EAC

Mouser Electronics

Authorized Distributor

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