

Printed-circuit board connector - MCV 0,5/12-G-2,54 P20 THR R56 - 1821494

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Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: Taped SMD/THT/THR components, Sample values available under SAMPLE MC...



The illustration shows the 10-position version



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	315 pc
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	4.8 mm
Pitch	2.54 mm
Dimension a	27.94 mm
Width	35.02 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
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV

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Technical data

General

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	12

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

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

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Approvals

Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme

Ex Approvals

Approvals submitted

Approval details

cULus Recognized		
	B	C
Nominal current I _N	6 A	6 A
Nominal voltage U _N	150 V	50 V

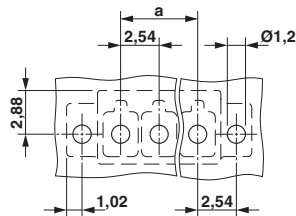
VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I _N	6 A
Nominal voltage U _N	160 V

IECEx CB Scheme 	
Nominal current I _N	6 A
Nominal voltage U _N	160 V

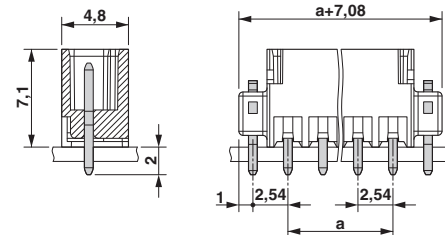
Drawings

Printed-circuit board connector - MCV 0,5/12-G-2,54 P20 THR R56 - 1821494

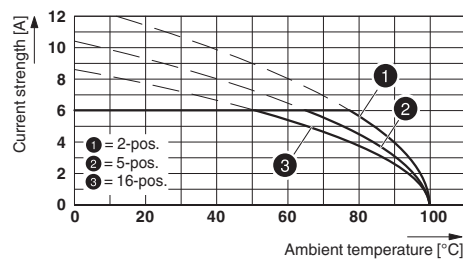
Drilling diagram



Dimensional drawing



Diagram



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