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Printed-circuit board connector - MC 1,5/ 8-GF-3,81 P14 THR - 1781861

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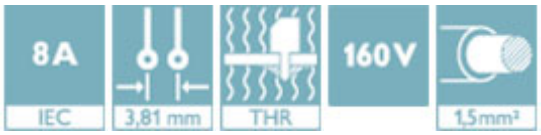
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: THR soldering

The figure shows a 10-position version of the product

Why buy this product

- Plug-in direction parallel to the PCB
- Pitch: 3.81 mm
- Low-profile THR headers with a compact pitch
- Use in SMT reflow processes



Key Commercial Data

Packing unit	50 STK
GTIN	4 046356 549752

Technical data

Dimensions

Length	9.2 mm
Pitch	3.81 mm
Dimension a	26.67 mm
Constructional height	6.9 mm
Length of the solder pin	1.4 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.4 mm

General

Range of articles	MC 1,5/..-GF-THR
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV

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Technical data

General

Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	8

Standards and Regulations

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

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 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

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Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

VDE Gutachten mit Fertigungsüberwachung

Nominal current IN	8 A
Nominal voltage UN	160 V

EAC

cULus Recognized

	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

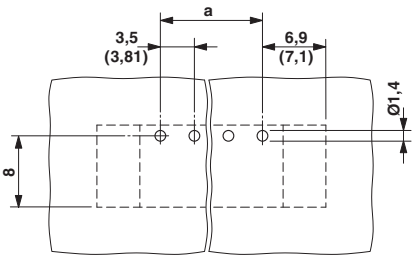
IECEE CB Scheme

Nominal current IN	8 A
Nominal voltage UN	160 V

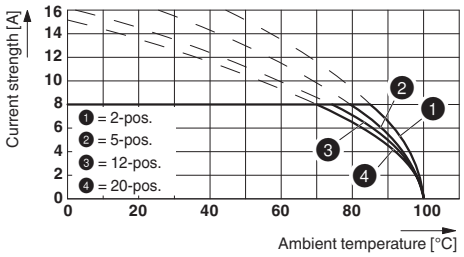
Drawings

Printed-circuit board connector - MC 1,5/ 8-GF-3,81 P14 THR - 1781861

Drilling diagram

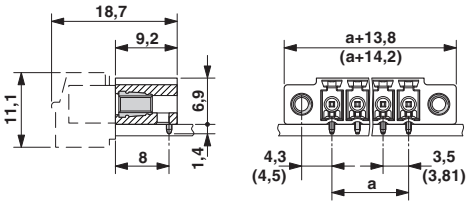


Diagram



Type: FK-MCP 1,5/...-ST(F)-3,81 with MC 1,5/...-G(F)-3,81 P.. THR(R...)

Dimensional drawing



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Product	Code	Reference	Product link
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR	1781861	MC 1,5/ 8-GF-3,81 P14 THR	Buy on EAN