

Feed-through header - MCV 1,5/ 2-G-3,81 P26 THR - 1707421

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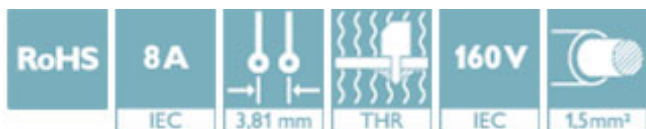
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"



The figure shows a 10-position version of the product

Why buy this product

- ✓ Designed for integration into the SMT soldering process
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 046356 034128
GTIN	4046356034128
Weight per Piece (excluding packing)	0.560 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	7.25 mm
Width	9.01 mm
Pitch	3.81 mm
Dimension a	3.81 mm
Width [w]	9.01 mm
Height [h]	11.8 mm
Constructional height	9.2 mm
Length of the solder pin	2.6 mm

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Technical data

Dimensions

Pin dimensions	0.8 x 0.8 mm
Length	7.25 mm

General

Range of articles	MCV 1,5/...-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)	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
Maximum load current	8 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	2

General information

Type of note	Details for soldering processes
Note	Processing using reflow processes in compliance with IEC 60068-2-58 or DIN EN 61760-1 (latest version) Moisture Sensitive Level (MSL) = 1 according to IPC/JEDEC J-STD-020-C

Standards and Regulations

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

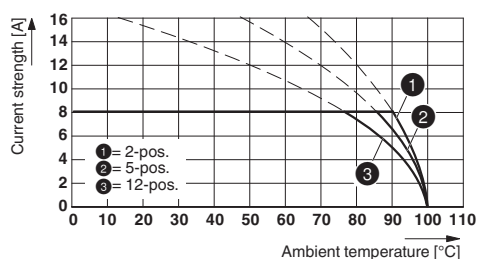
Environmental Product Compliance

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

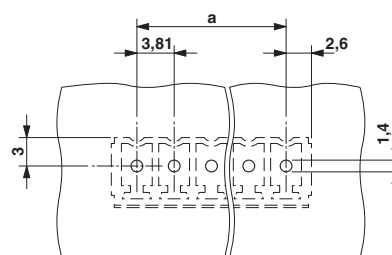
Drawings

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Diagram

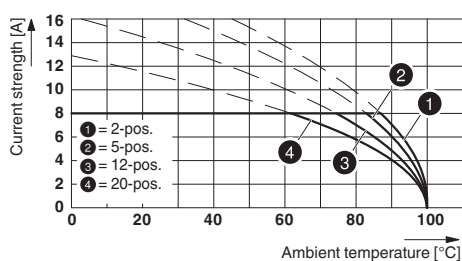


Drilling diagram

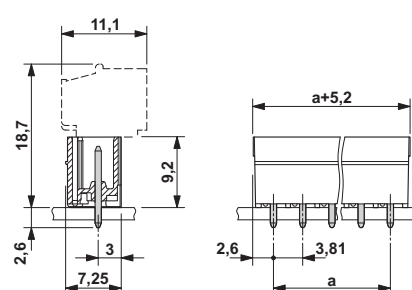


Type: MC 1,5/...-ST-3,81 with MCV 1,5/...-G-3,81 P26 THR

Diagram



Dimensional drawing



Type: FMC 1,5/...-ST-3,81 with MCV 1,5/...-G-3,81 P.. THR

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
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
ETIM 6.0	EC002637

UNSPSC

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

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Classifications

UNSPSC

UNSPSC 13.2	39121409
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Approvals

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VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IECCE CB Scheme / EAC / VDE report with production monitoring

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40011723
Nominal voltage UN	160 V		
Nominal current IN	8 A		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110128
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	

IECEE CB Scheme		http://www.iecee.org/	DE1-60604-B1B2
Nominal voltage UN	160 V		
Nominal current IN	8 A		

EAC		B.01742
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Approvals

VDE report with production monitoring		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40011723
Nominal voltage UN		160 V	
Nominal current IN		8 A	

Accessories

Additional products

Printed-circuit board connector - FMC 1,5/ 2-ST-3,81 - 1745894



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.81 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 2-ST-3,81 - 1803578



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MCVW 1,5/ 2-ST-3,81 - 1826979



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 2-ST-3,81 - 1827127



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: PCB connector

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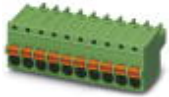
Accessories

Printed-circuit board connector - FRONT-MC 1,5/ 2-ST-3,81 - 1850660



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.81 mm, connection method: Front screw connection, color: green, contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 2-ST-3,81 - 1851041



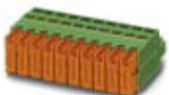
PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.81 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - MCC 1/ 2-STZ-3,81 - 1852176



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.81 mm, connection method: Crimp connection, color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

Printed-circuit board connector - QC 0,5/ 2-ST-3,81 - 1897393



PCB connector, nominal current: 6 A, rated voltage (III/2): 200 V, number of positions: 2, pitch: 3.81 mm, connection method: Displacement connection, color: green, contact surface: Tin