Base strip - MCV 1,5/ 3-G-3,81 - 1803439

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

The figure shows a 10-position version of the product

Product Features

- Versions with engagement noses for locking plugs with self-locking flanges
- Low-profile pin strips with compact pitches
- Plug-in direction parallel and vertical to the PCB
- Individual position coding by inserting coding profiles

Key commercial data

Packing unit	1 pc
GTIN	4 017918 045746
Weight per Piece (excluding packing)	1.01 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	7.25 mm
Pitch	3.81 mm
Dimension a	7.62 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

General

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Technical data

General

Range of articles	MCV 1,5/..-G
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	PBT
Inflammability class according to UL 94	V0
Color	green
Number of positions	3

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

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Approvals

Approvals

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CSA / VDE Gutachten mit Fertigungsüberwachung / GOST / IECEE CB Scheme / GOST / UL Recognized / cUL Recognized / CCA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

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

VDE Gutachten mit Fertigungsüberwachung

Nominal current IN	8 A
Nominal voltage UN	160 V

GOST

IECEE CB Scheme

Nominal current IN	8 A
Nominal voltage UN	160 V

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Approvals

GOST

UL Recognized

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

cUL Recognized

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

CCA

Nominal current IN	8 A
Nominal voltage UN	160 V

cULus Recognized

Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

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Accessories

Labeled terminal marker

Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109

Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 3.81 mm, Lettering field: 3.81 x 2.8 mm

Marker pen

Marker pen - B-STIFT - 1051993

Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Additional products

Printed-circuit board connector - MC 1,5/ 3-ST-3,81 - 1803581

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCC 1/ 3-STZ-3,81 - 1852189

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, 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)

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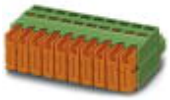
Accessories

Printed-circuit board connector - QC 0,5/ 3-ST-3,81 - 1897403



Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 3, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

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Base strip - IMCV 1,5/ 3-G-3,81 - 1875438

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

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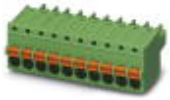
Printed-circuit board connector - FK-MCP 1,5/ 3-ST-3,81 - 1851054



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FRONT-MC 1,5/ 3-ST-3,81 - 1850673

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Base strip - IMC 1,5/ 3-G-3,81 - 1862580

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering

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Accessories

Printed-circuit board connector - MCVW 1,5/ 3-ST-3,81 - 1826982

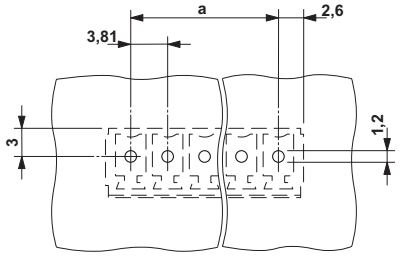
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 3-ST-3,81 - 1827130

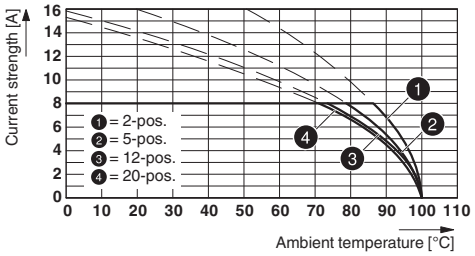
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Drawings

Drilling diagram



Diagram



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

Dimensioned drawing