Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

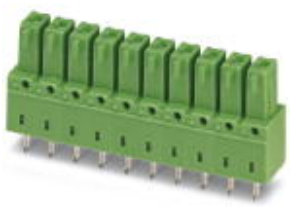
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)



The figure shows a 16-pos. version of the product

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

Why buy this product

- Combination with MC 1,5 pin strips for primary/secondary/PCB connection
- Plug-in direction horizontal and vertical to the PCB
- Use in shock-proof applications
- Clear separation of PCB inputs/outputs
- Individual position keying by removing the keying tab and connecting the keying profile to the counterpart

Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 225 (CC-2011)
GTIN	4 017918 133931
Custom tariff number	85366990
Country of origin	POLAND

Technical data

Dimensions / positions

Length	6.85 mm
Pitch	3.81 mm
Dimension a	7.62 mm
Number of positions	3
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

Technical data

Range of articles	IMCV 1,5/..-G
Insulating material group	I

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

Technical data

Technical data

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/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current IN	8 A
Nominal voltage UN	160 V
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	green
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

Classifications

eclass

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

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

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

Approvals

Approvals

UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IECEE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

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

VDE report with production monitoring

Nominal current IN	8 A
Nominal voltage UN	160 V

cUL Recognized

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

GOST

IECEE CB Scheme

Nominal current IN	8 A
Nominal voltage UN	160 V

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

Approvals

GOST

cULus Recognized

Accessories

Accessories

Marking

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

Additional products

Base strip - MCO 1,5/ 3-GR-3,81 - 1861659

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

Base strip - MCO 1,5/ 3-GL-3,81 - 1861730

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

Base strip - MCDV 1,5/ 3-G1-3,81 - 1847738

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, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

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

Accessories

Base strip - MCDV 1,5/ 3-G-3,81 - 1830415

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, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/ 3-G1-3,81 - 1843088

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, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/ 3-G-3,81 - 1829963

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, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Printed-circuit board connector - IMC 1,5/ 3-ST-3,81 - 1857896

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

---

Base strip - MCVK 1,5/ 3-G-3,81 - 1832743

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, Assembly: DIN rail

---

Base strip - MCVDU 1,5/ 3-G-3,81 - 1832701

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

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

Accessories

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

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

Base strip - MC 1,5/ 3-G-3,81 - 1803280

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

Base strip - MC 1,5/ 3-G-3,81 THT - 1908774

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Color: Black, Contact surface: Tin, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: http://www.combicon.com

Base strip - SMC 1,5/ 3-G-3,81 - 1827282

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

Base strip - EMCV 1,5/ 3-G-3,81 - 1860650

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: Press-in

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

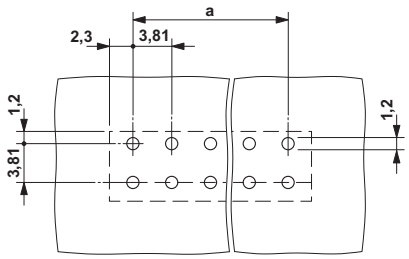
Accessories

Base strip - EMC 1,5/ 3-G-3,81 - 1897814

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: Press-in

Drawings

Drilling diagram



Dimensioned drawing