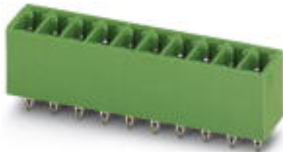


Base strip - EMCV 1,5/ 2-G-3,81 - 1860647

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://phoenixcontact.com/download>)

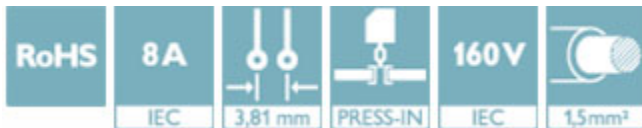
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology



The figure shows a 10-position version of the product

Why buy this product

- ✓ Long-term stable press-in connection ensures high holding force without thermal load
- ✓ 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	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 133238
GTIN	4017918133238
Weight per Piece (excluding packing)	0.780 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	7.25 mm
Pitch	3.81 mm
Dimension a	3.81 mm
Constructional height	10 mm

Base strip - EMCV 1,5/ 2-G-3,81 - 1860647

Technical data

Dimensions

Length of the solder pin	3.8 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.45 mm

General

Range of articles	EMCV 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 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
Flammability rating according to UL 94	V0
Color	green
Number of positions	2

Standards and Regulations

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

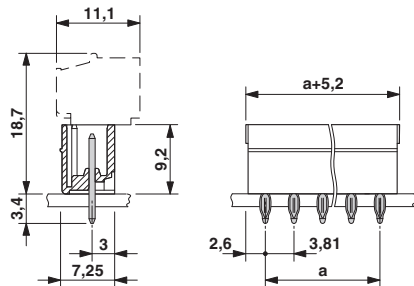
Environmental Product Compliance

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

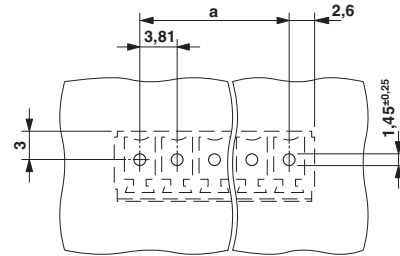
Drawings

Base strip - EMCV 1,5/ 2-G-3,81 - 1860647

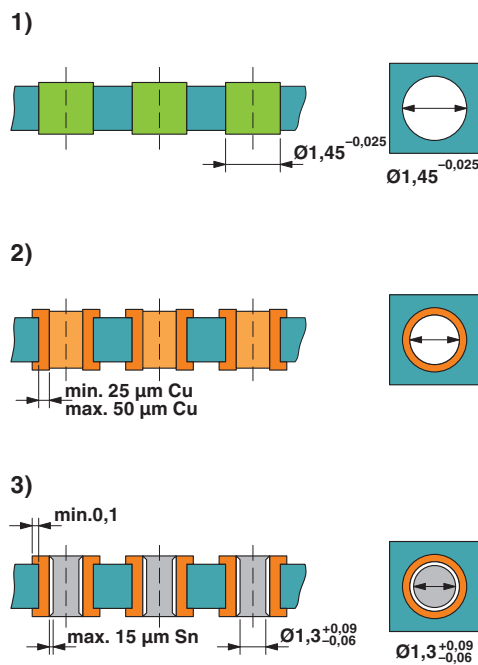
Dimensional drawing



Drilling diagram



Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

Approvals

Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Base strip - EMCV 1,5/ 2-G-3,81 - 1860647

Approvals

Approval details

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

EAC		B.01742
-----	---	---------