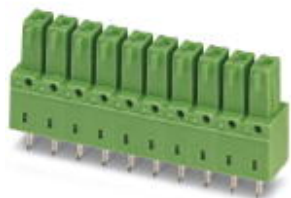


Feed-through header - IMCV 1,5/16-G-3,81 - 1875564

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>)

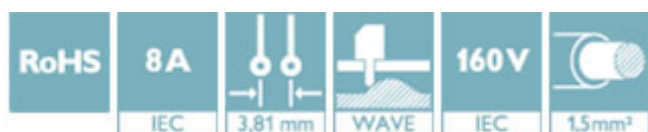


PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Wave soldering

The figure shows a 10-pos. version of the product in green

Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 134068
GTIN	4017918134068

Technical data

Dimensions

Length [l]	6.85 mm
Width	61.75 mm
Pitch	3.81 mm
Dimension a	57.15 mm
Width [w]	61.75 mm
Height [h]	18 mm
Height	14.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	0.62 x 1.12 mm
Pin spacing	3.81 mm
Length	6.85 mm

General

Feed-through header - IMCV 1,5/16-G-3,81 - 1875564

Technical data

General

Range of articles	IMCV 1,5/..-G
Insulating material group	I
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)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	16

Standards and Regulations

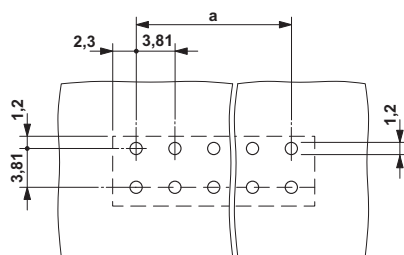
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

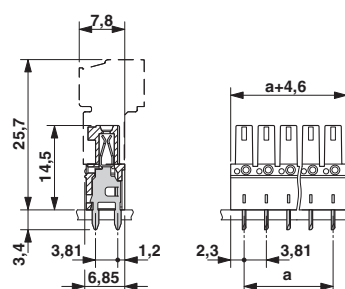
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



Approvals

Approvals

Feed-through header - IMCV 1,5/16-G-3,81 - 1875564

Approvals

Approvals

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

Ex Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	DE1-60987-B1B2
Nominal voltage UN	160 V		
Nominal current IN	8 A		

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		

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

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