

Header - EMC 1,5/ 5-G-3,81 - 1897830

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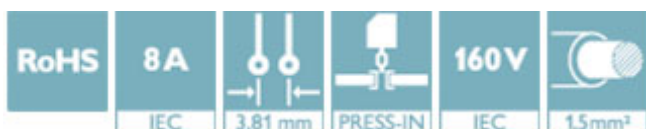
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 5, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Press-in technology



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
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 166410
GTIN	4017918166410

Technical data

Dimensions

Length [l]	10.7 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Width [w]	20.44 mm
Constructional height	7 mm
Height [h]	10.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.45 mm

General

Range of articles	EMC 1,5/...-G
Insulating material group	IIIa

Header - EMC 1,5/ 5-G-3,81 - 1897830

Technical data

General

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
Flammability rating according to UL 94	V0
Color	green
Number of positions	5

Standards and Regulations

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

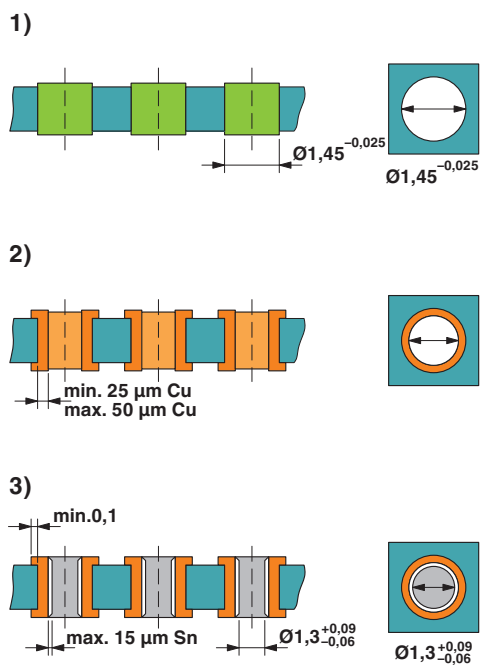
Environmental Product Compliance

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

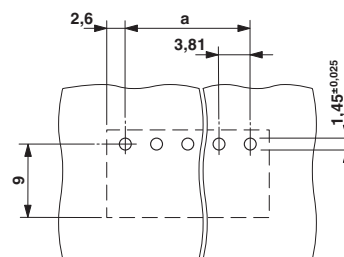
Drawings

Header - EMC 1,5/ 5-G-3,81 - 1897830

Drilling diagram

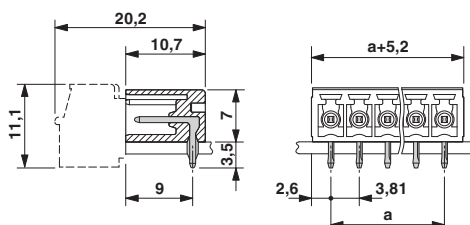


Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

Dimensional drawing



Approvals

Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Approval details

Header - EMC 1,5/ 5-G-3,81 - 1897830

Approvals

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
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