

Base strip - IMCV 1,5/ 5-G-3,5 RN P20 THR - 1830896

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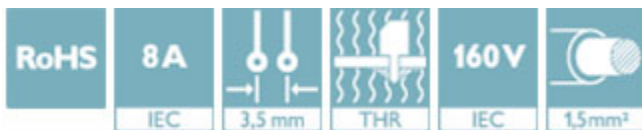
Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 5, pitch: 3.5 mm, Contact surface: Tin, mounting: THR soldering



The figure shows a 10-position version of the product

Why buy this product

- ✓ Designed for integration into the SMT soldering process
- ✓ Intuitive locking mechanism prevents accidental disconnection
- ✓ 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	1 STK
GTIN	
GTIN	4046356888509
Weight per Piece (excluding packing)	2.000 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	6.3 mm
Pitch	3.5 mm
Dimension a	14.00 mm
Width	18.30 mm
Constructional height	14.45 mm

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Technical data

Dimensions

Height	16.35 mm
Length of the solder pin	1.9 mm
Pin dimensions	0,62 x 1,12
Pin spacing	3.81 mm
Hole diameter	1.2 mm

General

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

Standards and Regulations

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

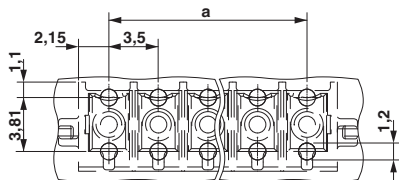
Environmental Product Compliance

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

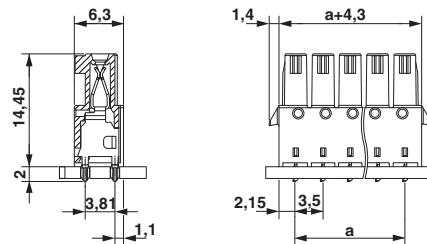
Drawings

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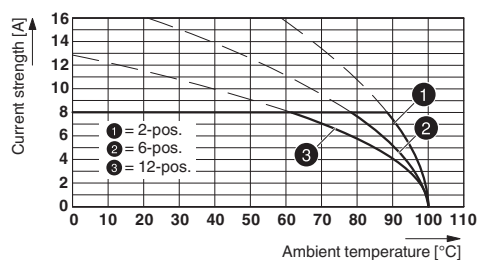
Drilling diagram



Dimensional drawing



Diagram



Type: IMC(V) 1,5/...-G-3,5 THR with MC(V) 1,5/...-G-3,5 THR

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
eCl@ss 9.0	27440402

ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409

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Classifications

UNSPSC

UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

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

Ex 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	

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40011723
Nominal current I _N	8 A		
Nominal voltage U _N	160 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58415-B1B2
Nominal current I _N	8 A		
Nominal voltage U _N	160 V		

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Approvals

EAC



B.01742