

## Feed-through header - MCD 0,5/ 6-G1-2,5 - 1894846

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PCB headers, nominal current: 4 A, number of positions: 6, pitch: 2.5 mm, color: green, contact surface: Tin, mounting: Wave soldering

The figure shows a 10-pos. version with 20 contacts

### Your advantages

- Well-known mounting principle allows worldwide use
- Conductor connection on several levels enables higher contact density



### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918162115
Weight per Piece (excluding packing)	5.450 g
Custom tariff number	85366930
Country of origin	Poland

### Technical data

#### Dimensions

Length [ l ]	17.5 mm
Width	16.9 mm
Pitch	2.5 mm
Dimension a	12.5 mm
Width [ w ]	16.9 mm
Height [ h ]	25.7 mm

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### Technical data

#### Dimensions

Height	21.9 mm
Length of the solder pin	3.8 mm
Pin dimensions	0.8 x 0.8 mm
Length	17.5 mm

#### General

Range of articles	MCD 0,5/...G1
Insulating material group	I
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	80 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	4 A
Maximum load current	4 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	6

#### 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

### Classifications

#### eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700

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### Classifications

#### eCl@ss

eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

#### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

### Approvals

#### Approvals

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#### Approvals

CCA / IEC/CEB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

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#### Ex Approvals


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#### Approval details


CCA	CCA/ DE1 34250
Nominal voltage UN	80 V
Nominal current IN	4 A


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## Approvals

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-56068-B1B2
Nominal voltage UN		80 V	
Nominal current IN		4 A	

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40013394
Nominal voltage UN		80 V	
Nominal current IN		4 A	

EAC			B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19930913
		B	
Nominal voltage UN		125 V	
Nominal current IN		4 A	

## Accessories

Accessories

Coding element

Coding profile - CP-MC 0,5 - 1881435

Coding profile, is inserted into the groove in the header, red insulating material



Labeled terminal marker

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### Accessories

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 99, mounting type: adhesive, for terminal block width: 2.54 mm, lettering field size: 2.54 x 2.8 mm

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### Additional products

Printed-circuit board connector - FK-MC 0,5/ 6-ST-2,5 - 1881367



PCB connector, nominal current: 4 A, number of positions: 6, pitch: 2.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin