

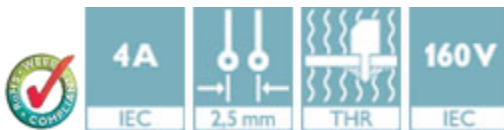
## Printed-circuit board connector - MCD 0,5/ 7-G1-2,5 HT BK - 1961193

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Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 7, Pitch: 2.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, Standard component made of highly temperature resistant plastic; suitable for reflow process. User information and design recommendations on Through Hole Reflow Technology can be found at: "Downloads".

The figure shows a 10-position version of the product



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	8.22 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	17.5 mm
Pitch	2.50 mm
Dimension a	15 mm
Constructional height	22 mm
Height	21.9 mm
Length of the solder pin	3.8 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	2.50 mm
Hole diameter	1.4 mm

#### General

Range of articles	MCD 0,5/...G1-HT
Insulating material group	IIIa

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## Technical data

### General

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)	32 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	4 A
Maximum load current	4 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	7

### Standards and Regulations

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

## 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 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

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## Classifications

### UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals


#### Approvals


VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / CCA / EAC

#### Ex Approvals

#### Approvals submitted

## Approval details

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	4 A
Nominal voltage UN	32 V

IECEE CB Scheme 	
Nominal current IN	4 A
Nominal voltage UN	32 V

CCA	
Nominal current IN	4 A
Nominal voltage UN	32 V

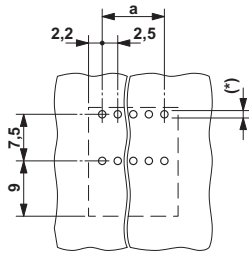
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## Approvals

EAC

## Drawings

Drilling diagram



Dimensional drawing

