

## Printed-circuit board connector - BCH-500HF-10 - 5432520

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: Signal gray, Contact surface: Tin, Assembly: Soldering



The figure shows a 5-pos. version of the product



### Key commercial data

Packing unit	1 PCE
Minimum order quantity	100 PCE
GTIN	 4 046356 331609
Custom tariff number	85366990
Country of origin	CHINA

### Technical data

#### Dimensions

Length	12 mm
Pitch	5 mm
Dimension a	45 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### General

Range of articles	BCH-HF
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

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## Technical data

### General

Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	Signal gray
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	12 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	12 A
Number of positions	10

## 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	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121409
UNSPSC 13.2	39121432

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## Approvals

### Approvals

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Approvals

UL Recognized / cUL Recognized / cULus Recognized

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Ex Approvals


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Approvals submitted

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### Approval details

UL Recognized 		
	B	D
Nominal current I <sub>N</sub>	12 A	12 A
Nominal voltage U <sub>N</sub>	250 V	150 V

cUL Recognized 		
	B	D
Nominal current I <sub>N</sub>	12 A	12 A
Nominal voltage U <sub>N</sub>	250 V	150 V

cULus Recognized 		
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## Accessories

Accessories

Assembly

## Printed-circuit board connector - BCH-500HF-10 - 5432520

### Accessories

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

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### Marking

Marker cards - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5 mm

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Marker cards - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

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Coding section - CR-BC-M - 5436157



Coding section

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### Drawings

## Printed-circuit board connector - BCH-500HF-10 - 5432520

Dimensioned drawing

