

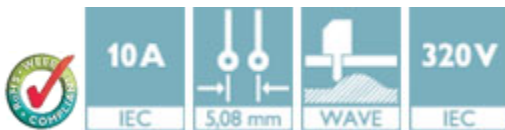
# Printed-circuit board connector - BCDH-508H- 6 BK - 5452647

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: Wave soldering

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



## Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
Custom tariff number	85366990
Country of origin	Germany

## Technical data

### Dimensions

Length	22.1 mm
Pitch	5.08 mm
Dimension a	25.4 mm
Length of the solder pin	3.2 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

### General

Range of articles	BCDH-H
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
Rated voltage (III/3)	250 V

# Printed-circuit board connector - BCDH-508H- 6 BK - 5452647

## Technical data

### General

Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	10 A
Maximum load current	10 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	6

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
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	27261101
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	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121409
UNSPSC 13.2	39121432

# Printed-circuit board connector - BCDH-508H- 6 BK - 5452647

## Approvals

### Approvals

---

#### Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60947-5 CB Scheme / cULus Recognized

---

#### Ex Approvals

---

#### Approvals submitted

---

### Approval details

UL Recognized		
	B	D
Nominal current I <sub>N</sub>	12 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

cUL Recognized		
	B	D
Nominal current I <sub>N</sub>	12 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung

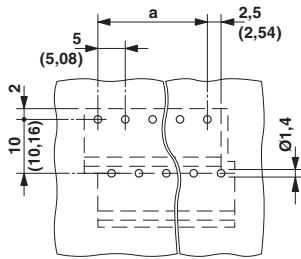
IECEE CB Scheme

cULus Recognized

# Printed-circuit board connector - BCDH-508H- 6 BK - 5452647

## Drawings

Drilling diagram



Dimensional drawing

