

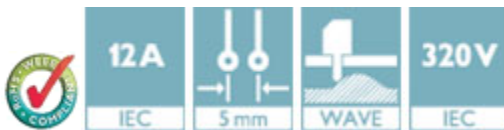
## Printed-circuit board connector - MSTBV 2,5/ 8-G BK - 1755309

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: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Color: black, Contact surface: Tin, Mounting: Wave soldering



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)	3.44 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	8.6 mm
Pitch	5.00 mm
Dimension a	35 mm
Constructional height	12 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### General

Range of articles	MSTBV 2,5/...-G
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV

# Printed-circuit board connector - MSTBV 2,5/ 8-G BK - 1755309

## Technical data

### General

Rated surge voltage (II/2)	4 kV
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 <sub>N</sub>	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	black
Number of positions	8

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
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
UNSPSC 11	39121409

# Printed-circuit board connector - MSTBV 2,5/ 8-G BK - 1755309

## Classifications

### UNSPSC

UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals

---

### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IEC60364 CB Scheme / cULus Recognized

---

### Ex Approvals

---

### Approvals submitted

---

## Approval details

CSA		
	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	
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V

IECEE CB Scheme	
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V

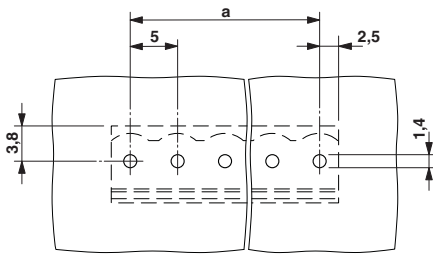
# Printed-circuit board connector - MSTBV 2,5/ 8-G BK - 1755309

## Approvals

cULus Recognized		
	B	D
Nominal current $I_N$	12 A	10 A
Nominal voltage $U_N$	300 V	300 V

## Drawings

Drilling diagram



Dimensional drawing

