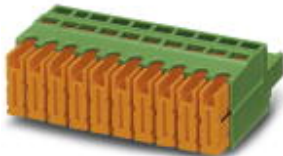


Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

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(<http://phoenixcontact.com/download>)

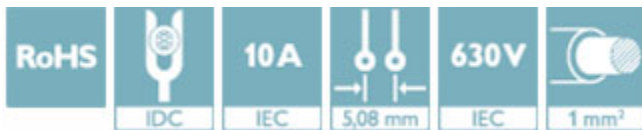
PCB connector, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin




The figure shows a 10-position version of the product

Your advantages

- ✓ Connection without conductor pretreatment for huge time savings
- ✓ Can be combined with the MSTB 2,5 range



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 157715
GTIN	4017918157715
Weight per Piece (excluding packing)	3.840 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Length [l]	33.8 mm
Width [w]	10.98 mm
Height [h]	15 mm
Pitch	5.08 mm
Dimension a	5.08 mm

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Technical data

General

Range of articles	QC 1/...-ST
Number of positions	2
Connection method	Displacement connection
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	10 A
Nominal cross section	1 mm ²
Maximum load current	10 A (with 1 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0

Connection data

Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	1 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	18
Minimum AWG according to UL/CUL	22
Maximum AWG according to UL/CUL	18
Wire diameter incl. insulation	2.5 mm

Standards and Regulations

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

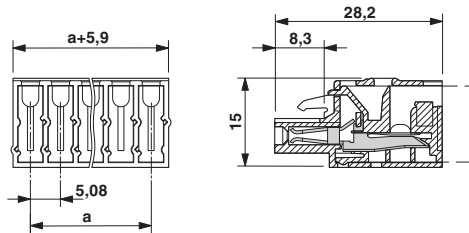
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638
ETIM 6.0	EC002638
ETIM 7.0	EC002638

UNSPSC

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

Approvals

Approvals

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255


Approvals


Approvals


UL Recognized / cUL Recognized / IECCE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized


Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm²/AWG/kcmil	22-18	22-18	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm²/AWG/kcmil	22-18	22-18	


IECEE CB Scheme		http://www.iecee.org/	DE1-60988-B1B2
Nominal voltage UN	250 V		
Nominal current IN	10 A		
mm²/AWG/kcmil	0.75-1		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701
Nominal voltage UN	250 V		
Nominal current IN	10 A		

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Approvals

mm²/AWG/kcmil	0.75-1

EAC		B.01742
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cULus Recognized	
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Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... (99)100, mounting type: adhesive, for terminal block width: 5.08 mm, lettering field size: 5.08 x 3.8 mm

Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Accessories

Additional products

Feed-through header - MSTBW 2,5/ 2-G-5,08 - 1735882

PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



Printed-circuit board connector - MSTBVA 2,5/ 2-G-5,08 - 1755736

PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08 - 1757242

PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



Feed-through header - MSTBV 2,5/ 2-G-5,08 - 1758018

PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



Feed-through header - MSTB 2,5/ 2-G-5,08 - 1759017

PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Accessories

Feed-through header - MDSTB 2,5/ 2-G-5,08 - 1762062



PCB headers, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, Can be aligned! Mounting flange: Order no. 1736771, 1736768. In combination with MVSTB or FKCV plugs, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plugs is not possible!

Printed-circuit board connector - MDSTBV 2,5/ 2-G-5,08 - 1763074



PCB headers, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, Can be aligned! Mounting flange: Order No. 1836477, 1836480. In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - SMSTBA 2,5/ 2-G-5,08 - 1767371



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - SMSTB 2,5/ 2-G-5,08 - 1769463



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Feed-through header - MSTBA 2,5/ 2-G-5,08-LA - 1770944



PCB headers, number of positions: 2, pitch: 5.08 mm, color: green

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Accessories

Feed-through header - MDSTBW 2,5/ 2-G-5,08 - 1802430



PCB headers, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MDSTBA 2,5/ 2-G-5,08 - 1842063



PCB headers, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MDSTBVA 2,5/ 2-G-5,08 - 1845332



PCB headers, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - EMSTBVA 2,5/ 2-G-5,08 - 1859519



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Press-in technology

Feed-through header - MDSTBA 2,5/ 2-GL-5,08 - 1877601



PCB headers, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Accessories

Feed-through header - MDSTBA 2,5/ 2-GR-5,08 - 1877614



PCB headers, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MDSTBVA 2,5/ 2-GL-5,08 - 1877627



PCB headers, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - MDSTBVA 2,5/ 2-GR-5,08 - 1877630



PCB headers, nominal current: 10 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Feed-through header - EMSTBA 2,5/ 2-G-5,08 - 1880300



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Press-in technology

Printed-circuit board connector - DFK-MSTBA 2,5/ 2-G-5,08 - 1898839



Feed-through header, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Accessories

Printed-circuit board connector - DFK-MSTBVA 2,5/ 2-G-5,08 - 1899139



Feed-through header, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08 THT - 1902741



PCB headers, number of positions: 2, pitch: 5.08 mm, color: black, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - MSTBVA 2,5/ 2-G-5,08 THT - 1902819



PCB headers, number of positions: 2, pitch: 5.08 mm, color: black, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - MSTBA 2,5/ 2-G-5,08 THT-R32 - 1937237



PCB headers, number of positions: 2, pitch: 5.08 mm, color: black, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - MSTBVA 2,5/ 2-G-5,08 THT-R56 - 1940415



PCB headers, number of positions: 2, pitch: 5.08 mm, color: black, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Accessories

Printed-circuit board connector - CC 2,5/ 2-G-5,08 P26THR - 1954388



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - CC 2,5/ 2-G-5,08 P26THRR32 - 1954582



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - CCA 2,5/ 2-G-5,08 P26THR - 1954919



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - CCA 2,5/ 2-G-5,08 P26THRR32 - 1955031



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - CCV 2,5/ 2-G-5,08 P26THR - 1955387



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255

Accessories

Printed-circuit board connector - CCV 2,5/ 2-G-5,08 P26THRR32 - 1955523



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - CCVA 2,5/ 2-G-5,08 P26THR - 1955853



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - CCVA 2,5/ 2-G-5,08 P26THRR32 - 1955963



PCB headers, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"