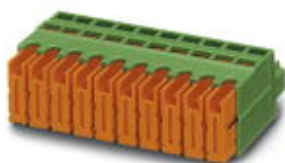


Printed-circuit board connector - QC 0,5/ 3-ST-3,81 BK - 1925346

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>)

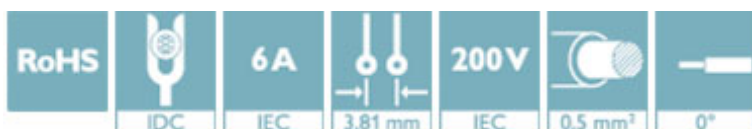
PCB connector, nominal current: 6 A, rated voltage (III/2): 200 V, number of positions: 3, pitch: 3.81 mm, connection method: Displacement connection, color: black, contact surface: Tin



The figure shows a 10-position version of the product

Your advantages

- ✓ Connection without conductor pretreatment for huge time savings
- ✓ Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 592837
GTIN	4017918592837

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	7.62 mm

General

Range of articles	QC 0,5/...-ST
Number of positions	3
Connection method	Displacement connection
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)	200 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V

Printed-circuit board connector - QC 0,5/ 3-ST-3,81 BK - 1925346

Technical data

General

Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal cross section	0.5 mm ²

Connection data

Conductor cross section flexible min.	0.34 mm ²
Conductor cross section flexible max.	0.5 mm ²
Conductor cross section AWG min.	22
Conductor cross section AWG max.	20
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	20
Wire diameter incl. insulation	2.2 mm

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

Environmental Product Compliance

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / IEC 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	C	
Nominal voltage U_N	300 V	300 V	
Nominal current I_N	6 A	6 A	
mm ² /AWG/kcmil	24-20	24-20	

Printed-circuit board connector - QC 0,5/ 3-ST-3,81 BK - 1925346

Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
Nominal voltage UN	300 V	300 V	
Nominal current IN	6 A	6 A	
mm²/AWG/kcmil	24-20	24-20	

IECEE CB Scheme		http://www.iecee.org/	DE1-60987-B1B2
Nominal voltage UN	320 V		
Nominal current IN	5 A		
mm²/AWG/kcmil	0.34-.5		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40011723
Nominal voltage UN	320 V		
Nominal current IN	5 A		
mm²/AWG/kcmil	0.34-.5		

EAC		B.01742
-----	---	---------

cULus Recognized	
------------------	---

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1925346](#)