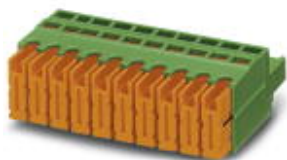


Printed-circuit board connector - QC 1/18-ST-5,08 - 1915987

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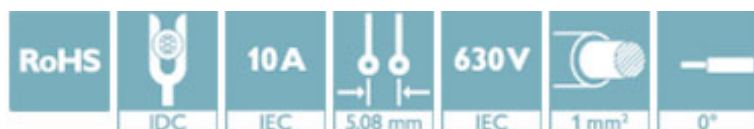
PCB connector, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 18, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin



The figure shows a 10-position version of the product

Why buy this product

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



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 181413
GTIN	4017918181413

Technical data

Dimensions

Length [l]	33.8 mm
Width [w]	92.26 mm
Height [h]	15 mm
Pitch	5.08 mm
Dimension a	86.36 mm

General

Range of articles	QC 1/...-ST
Type of contact	Female connector
Number of positions	18
Connection method	Displacement connection
Insulating material group	I
Rated surge voltage (III/3)	6 kV

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Technical data

General

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
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

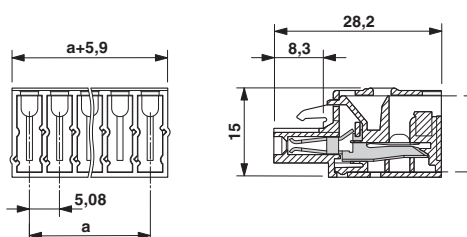
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Dimensional drawing



Printed-circuit board connector - QC 1/18-ST-5,08 - 1915987

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

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

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		
mm²/AWG/kcmil	0.75-1		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	D	B	
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/	DE1-58978-B1B2
Nominal voltage UN	250 V		
Nominal current IN	10 A		
mm²/AWG/kcmil	0.75-1		

Printed-circuit board connector - QC 1/18-ST-5,08 - 1915987

Approvals

EAC



B.01742

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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