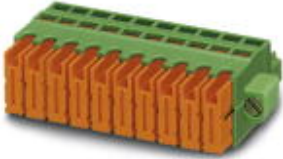


Printed-circuit board connector - QC 0,5/ 8-STF-3,81 - 1897607

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Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 8, Pitch: 3.81 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
- Screwable flange for superior mechanical stability
- Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 165109
GTIN	4017918165109
Weight per Piece (excluding packing)	8.080 g
Custom tariff number	85366990
Country of origin	China

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	26.67 mm

General

Range of articles	QC 0,5/...-STF
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Printed-circuit board connector - QC 0,5/ 8-STF-3,81 - 1897607

Technical data

General

Type of contact	Female connector
Number of positions	8
Connection method	Displacement connection
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)	200 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal cross section	0.5 mm ²
Maximum load current	6 A (with 0.5 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0

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
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

Approvals

Approvals

Printed-circuit board connector - QC 0,5/ 8-STF-3,81 - 1897607


Approvals


Approvals


UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / CCA / 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	
mm ² /AWG/kcmil	24-20	24-20	
Nominal current I _N	6 A	6 A	
Nominal voltage U _N	300 V	300 V	

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40011723
mm ² /AWG/kcmil	0.34-0.5		
Nominal current I _N	5 A		
Nominal voltage U _N	320 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
mm ² /AWG/kcmil	24-20	24-20	
Nominal current I _N	6 A	6 A	
Nominal voltage U _N	300 V	300 V	

IECCEB Scheme		http://www.iecee.org/	DE1-56063-B1B2
mm ² /AWG/kcmil	0.34-0.5		
Nominal current I _N	5 A		

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Approvals

Nominal voltage UN	320 V
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CCA	CCA/ DE1 34219
mm ² /AWG/kcmil	0.34-0.5
Nominal current IN	5 A
Nominal voltage UN	320 V

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm
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