



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

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Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 3, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: black, Contact surface: Tin

Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 2.92 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|-------------|---------|
| Pitch | 3.81 mm |
| Dimension a | 7.62 mm |

General

| | |
|----------------------------------|---------------------|
| Range of articles | QC 0,5/..-ST |
| 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 |
| Number of positions | 3 |

Connection data

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

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440309 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

UNSPSC

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

Approvals

Approvals

Approvals

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


Ex Approvals

Approvals submitted


Approval details

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


Approvals

UL Recognized 


| | 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 


| mm ² /AWG/kcmil | 0.34-0.5 |
|--------------------------------|----------|
| Nominal current I _N | 5 A |
| Nominal voltage U _N | 320 V |

cUL Recognized 

| | 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 |

IECEE CB Scheme 

| mm ² /AWG/kcmil | 0.34-0.5 |
|--------------------------------|----------|
| Nominal current I _N | 5 A |
| Nominal voltage U _N | 320 V |

GOST 

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

Approvals

| | |
|--------------------------------|----------|
| CCA | |
| | |
| mm ² /AWG/kcmil | 0.34-0.5 |
| Nominal current I _N | 5 A |
| Nominal voltage U _N | 320 V |

