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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!



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PCB terminal block - FFKDS/V-3,81 - 1789647

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PC terminal block, Nominal current: 12 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 1, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green, The article can be aligned to create different nos. of positions!

Why buy this product

- PCB terminal blocks with front spring-cage connection
- Two solder pins for a high level of stability on the PCB
- Push-in direct plug-in technology for solid or stranded conductors with ferrules
- When connecting stranded conductors without ferrules, the terminal point is opened using an orange opening lever



Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 |
| Minimum order quantity | 100 |
| Catalog page | Page 139 (CC-2011) |
| GTIN |  4 017918 044114 |
| Custom tariff number | 85369010 |
| Country of origin | GREECE |

Technical data

Dimensions / positions

| | |
|---------------------|------------|
| Length | 12.7 mm |
| Pitch | 3.81 mm |
| Number of positions | 1 |
| Pin dimensions | 0,5 x 1 mm |
| Hole diameter | 1.3 mm |

Technical data

| | |
|-----------------------------|------------|
| Range of articles | FFKDS(A)/V |
| Insulating material group | I |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |

PCB terminal block - FFKDS/V-3,81 - 1789647

Technical data

Technical data

| | |
|---|--|
| Rated voltage (III/3) | 160 V |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Nominal cross section | 1 mm ² |
| Maximum load current | 6 A (with 1 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Stripping length | 10 mm |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 6 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 6 A |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 0.34 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 0.34 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 18 |
| Minimum AWG according to UL/CUL | 26 |
| Maximum AWG according to UL/CUL | 16 |

Classifications

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

UNSPSC

| | |
|--------------|----------|
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

PCB terminal block - FFKDS/V-3,81 - 1789647

Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |

Approvals

Approvals


Approvals


CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / CCA / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|---|
| CSA  | | |
| | | B |
| mm ² /AWG/kcmil | 26-18 | |
| Nominal current I _N | 10 A | |
| Nominal voltage U _N | 150 V | |

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 26-16 | 26-16 |
| Nominal current I _N | 6 A | 6 A |
| Nominal voltage U _N | 300 V | 300 V |

PCB terminal block - FFKDS/V-3,81 - 1789647

Approvals

| | |
|----------------------------|-------|
| KEMA-KEUR | |
| mm ² /AWG/kcmil | 1 |
| Nominal voltage UN | 130 V |

| | | |
|--------------------------------|-------|-------|
| cUL Recognized | | |
| | B | D |
| mm ² /AWG/kcmil | 26-16 | 26-16 |
| Nominal current I _N | 6 A | 6 A |
| Nominal voltage UN | 300 V | 300 V |

| | |
|------|--|
| GOST | |
|------|--|

| | |
|----------------------------|-------|
| CCA | |
| mm ² /AWG/kcmil | 1 |
| Nominal voltage UN | 130 V |

| | |
|------|--|
| GOST | |
|------|--|

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Accessories

Accessories

Marking

Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 3.81 mm

PCB terminal block - FFKDS/V-3,81 - 1789647

Accessories

Necessary add-on products

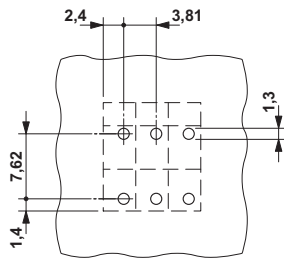
PCB terminal block - FFKDSA1/V-6,35 - 1789621



PC terminal block, Nominal current: 12 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 1, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green, The article can be aligned to create different nos. of positions!

Drawings

Drilling diagram



Dimensioned drawing

