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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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Printed-circuit board connector - PC 4/ 8-STF-7,62 - 1828304

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Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 8, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 5-pos. version of the product

Why buy this product

- Plugs can be keyed using CP-PC RD keying profiles
- High-capacity plugs with a current carrying capacity of 20 A
- Integrated double steel spring as extra safety against contact corrosion
- Vibration-resistant connection by means of screw flange (PC 4/...-STF-7,62)
- Screw connection up to 4 mm², stranded



Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 |
| Minimum order quantity | 1 |
| Catalog page | Page 419 (CC-2011) |
| GTIN |  4 017918 050535 |
| Custom tariff number | 85366990 |
| Country of origin | GERMANY |

Technical data

Dimensions / positions

| | |
|------------------------|----------|
| Pitch | 7.62 mm |
| Dimension a | 53.34 mm |
| Number of positions | 8 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Technical data

| | |
|---------------------------|--------------|
| Range of articles | PC 4/...-STF |
| Insulating material group | I |

Printed-circuit board connector - PC 4/ 8-STF-7,62 - 1828304

Technical data

Technical data

| | |
|---|-------------------|
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/2) | 630 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 20 A |
| Nominal voltage U_N | 400 V |
| Nominal cross section | 4 mm ² |
| Maximum load current | 20 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A4 |
| Stripping length | 7 mm |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 20 A |
| Nominal voltage, UL/CUL Use Group C | 300 V |
| Nominal current, UL/CUL Use Group C | 20 A |
| Nominal voltage, UL/CUL Use Group D | 600 V |
| Nominal current, UL/CUL Use Group D | 5 A |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 4 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. | 4 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. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 10 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm ² |

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Technical data

Connection data

| | |
|---|---------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 10 |

Classifications

ETIM

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

UNSPSC

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

eCl@ss

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

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GOST / LR / GL / DNV / cULus Recognized


Ex Approvals

Approvals submitted


Approval details

Printed-circuit board connector - PC 4/ 8-STF-7,62 - 1828304


Approvals

CSA 

| | B | C |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 28-10 | 28-10 |
| Nominal current I _N | 20 A | 20 A |
| Nominal voltage U _N | 300 V | 300 V |

UL Recognized 

| | B | C | D |
|--------------------------------|-------|-------|-------|
| mm ² /AWG/kcmil | 30-10 | 30-10 | 30-10 |
| Nominal current I _N | 20 A | 20 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |

cUL Recognized 

| | B | C | D |
|--------------------------------|-------|-------|-------|
| mm ² /AWG/kcmil | 30-10 | 30-10 | 30-10 |
| Nominal current I _N | 20 A | 20 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |

GOST 

LR

| | |
|--------------------------------|-------|
| mm ² /AWG/kcmil | 4 |
| Nominal current I _N | 20 A |
| Nominal voltage U _N | 400 V |


GL

| | |
|--------------------------------|-------|
| mm ² /AWG/kcmil | 4 |
| Nominal current I _N | 20 A |
| Nominal voltage U _N | 400 V |

DNV

Printed-circuit board connector - PC 4/ 8-STF-7,62 - 1828304

Approvals

cULus Recognized 

Accessories

Accessories

Marking

Marker cards - SK 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, For terminal block width: 7.62 mm

Marker cards - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office-Drucksysteme, Mounting type: Adhesive

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Plug/Adapter

Coding profile - CP-HCC 4 - 1600027



Coding profile, Color: red

Tools

Printed-circuit board connector - PC 4/ 8-STF-7,62 - 1828304

Accessories

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Additional products

Feed-through terminal block - UPCV3K 4-G-7,62 - 1838381



Header, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 1, Pitch: 7.62 mm, The article can be aligned to create different nos. of positions! Mounting flange: Accessory Order No. 1881202

Plug - PCVK 4-7,62-PE - 1876246



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 1, Pitch: 7.62 mm, Connection method: Screw connection, Color: Green-yellow

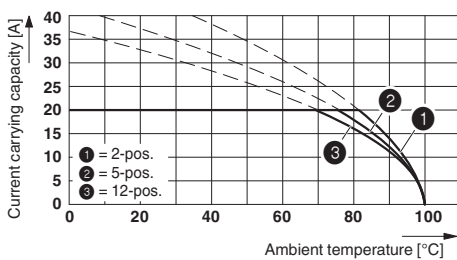
Plug-in block - PCVK 4-7,62 - 1849998



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 1, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

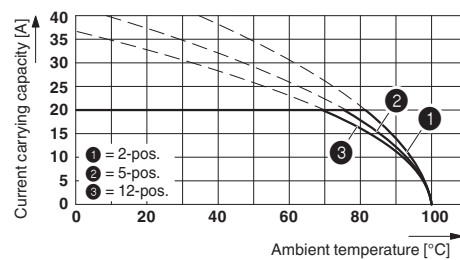
Drawings

Diagram



Derating curve for: PC 4/..-ST-7,62 with PC 4/..-G-7,62

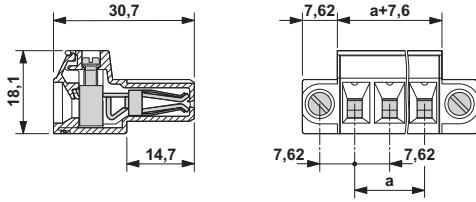
Diagram



Derating curve for: PC 4/..-ST-7,62 with PCV 4/..-G-7,62

Printed-circuit board connector - PC 4/ 8-STF-7,62 - 1828304

Dimensioned drawing



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