

Printed-circuit board connector - PCC 4/ 6-ST-7,62 - 1840159

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The illustration shows an 10-position version

Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

Product Features

- Compatible with PC 4 headers for the PCB and DIN-rail mountable PCVK 4 and UPCV3K headers
- Crimp contacts available loose and on tape
- Plug-in direction parallel to the conductor axis
- Low design height of the PCC 4 series
- Snap-lock option for pull-out aid



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 6.58 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|---------|
| Pitch | 7.62 mm |
| Dimension a | 38.1 mm |

General

| | |
|-----------------------------|-------------|
| Range of articles | PCC 4/..-ST |
| Insulating material group | I |
| Rated surge voltage (III/3) | 8 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 8 kV |

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Technical data

General

| | |
|---|-------------------|
| Rated voltage (III/3) | 400 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 20 A |
| Nominal cross section | 4 mm ² |
| Maximum load current | 20 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Number of positions | 6 |

Connection data

| | |
|--|---------------------|
| Conductor cross section stranded min. | 0.5 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 20 |
| Conductor cross section AWG/kcmil max | 14 |
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 14 |

Classifications

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 |
| eCl@ss 8.0 | 27440309 |

ETIM

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

UNSPSC

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|---------------|----------|
| UNSPSC 6.01 | 30211810 |
| UNSPSC 7.0901 | 39121409 |

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Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 11 | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Approvals

Approvals


Approvals


CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
| CSA  | | |
| | B | C |
| mm ² /AWG/kcmil | 20-14 | 20-14 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 20-14 | 20-14 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 600 V | 600 V |

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Approvals

| | | |
|--------------------------------|-------|-------|
| cUL Recognized | | |
| | B | C |
| mm ² /AWG/kcmil | 20-14 | 20-14 |
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 600 V | 600 V |

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

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| GOST | | |
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| cULus Recognized | | |
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Drawings

Dimensioned drawing

