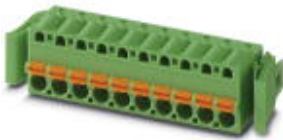


Printed-circuit board connector - FKC 2,5/ 5-ST-RF - 1947081

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin, Article with self-locking flange

The figure shows a 10-position version of the product

Product Features

- For larger numbers of positions up to 24-pos., visit: phoenixcontact.net/products
- Can be combined with the MSTB 2,5 range
- Fast conductor connection thanks to Push-in spring-cage connection
- Two test connections for accommodating 2 mm Ø test pins or 2.3 mm Ø test plug
- Contacting of solid or stranded conductors with ferrules without actuating the opening lever directly in the terminal point

Key commercial data

| | |
|-------------------------|---------------|
| package_quantity | 50 |
| GTIN | 4017918891718 |

Technical data

Dimensions

| | |
|--------------------|-------|
| Pitch | 5 mm |
| Dimension a | 20 mm |

General

| | |
|--|---------------------|
| Range of articles | FKC 2,5/..-ST-RF |
| 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) | 250 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 12 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |

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Technical data

General

| | |
|---------------------------|-------|
| Internal cylindrical gage | A2 |
| Stripping length | 10 mm |
| Number of positions | 5 |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 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. | 2.5 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. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| 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. | 1.5 mm ² |
| Minimum AWG according to UL/CUL | 26 |
| Maximum AWG according to UL/CUL | 12 |

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 | 27440402 |

ETIM

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

UNSPSC

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

Printed-circuit board connector - FKC 2,5/ 5-ST-RF - 1947081

classifications

UNSPSC

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

approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC60335 CB Scheme / GOST / GOST / CCA / cULus Recognized /

Approval details

UL Recognized

| Usegroups | B | D |
|----------------------------|-------|-------|
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 10 A | 10 A |
| mm ² /AWG/kcmil | 26-12 | 26-12 |

VDE Gutachten mit Fertigungsüberwachung

| | |
|----------------------------|---------|
| Nominal voltage UN | 250 V |
| Nominal current IN | 12 A |
| mm ² /AWG/kcmil | 0.2-2.5 |

cUL Recognized

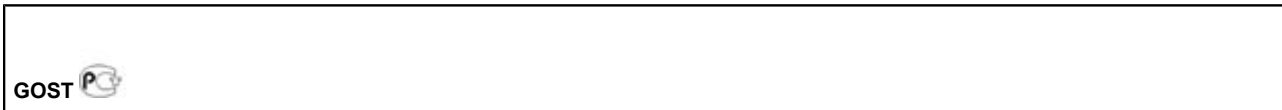
| Usegroups | B | D |
|----------------------------|-------|-------|
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 10 A | 10 A |
| mm ² /AWG/kcmil | 26-12 | 26-12 |

IECEE CB Scheme

| | |
|----------------------------|---------|
| Nominal voltage UN | 250 V |
| Nominal current IN | 12 A |
| mm ² /AWG/kcmil | 0.2-2.5 |

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approvals



| CCA | |
|----------------------------|---------|
| Nominal voltage UN | 250 V |
| Nominal current IN | 12 A |
| mm ² /AWG/kcmil | 0.2-2.5 |



Drawings

Dimensioned drawing

