

## Printed-circuit board connector - TFKC 2,5/ 8-STF-5,08 AU NZ:X2 - 1752340

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Plug component, Nominal current: 12 A, Number of positions: 8, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Gold



### Key Commercial Data

|                      |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| Packing unit         | 1                                                                                                     |
| GTIN                 | <br>4 046356 319607 |
| Custom tariff number | 85366990                                                                                              |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 5.08 mm  |
| Dimension a | 35.56 mm |

#### General

|                                  |                           |
|----------------------------------|---------------------------|
| Range of articles                | TFKC 2,5/..-STF           |
| Type of contact                  | Female connector          |
| Number of positions              | 8                         |
| Connection method                | Push-in spring connection |
| Rated voltage (III/3)            | 320 V                     |
| Connection in acc. with standard | EN-VDE                    |
| Nominal current $I_N$            | 12 A                      |
| Nominal cross section            | 2.5 mm <sup>2</sup>       |

#### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                         | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |

# Printed-circuit board connector - TFKC 2,5/ 8-STF-5,08 AU NZ:X2 - 1752340

## Technical data

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.                                                        | 24                   |
| Conductor cross section AWG max.                                                        | 12                   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>    |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

## 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 |
| eCl@ss 9.0 | 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 |

## Printed-circuit board connector - TFKC 2,5/ 8-STF-5,08 AU NZ:X2 - 1752340

### Approvals

Approvals

---

Approvals

EAC / EAC

---

Ex Approvals

---

Approvals submitted

---

### Approval details

|     |
|-----|
| EAC |
|-----|

|     |
|-----|
| EAC |
|-----|

---