

# IC-DFR 3 - Accessories

1852037

<https://www.phoenixcontact.com/us/products/1852037>

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2,5 mm<sup>2</sup>



BOX



Panel-mount frame, nominal cross section: 2.5 mm<sup>2</sup>, color: green, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: IC-DFR, pitch: 5.08 mm, type of packaging: packed in cardboard, This assembly frame can only be used in combination with IC 2,5/...-STGF-5,08

## Your advantages

- Feed-through assembly frame for inverted COMBICON connector IC 2,5/-STGF-5,08
- Cable connection on the inside of the device enables flexible positioning of the panel feed-through
- Mounting flanges reduce the mechanical strain on the soldering spots
- Can be combined with the MSTB 2,5 range

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1852037       |
| Packing unit                         | 50 pc         |
| Minimum order quantity               | 50 pc         |
| Sales key                            | AA08          |
| Product key                          | AAHZBE        |
| GTIN                                 | 4017918108915 |
| Weight per piece (including packing) | 1.88 g        |
| Weight per piece (excluding packing) | 1.599 g       |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

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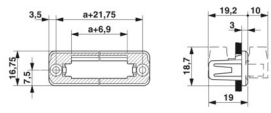
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## Technical data

### Product properties

|                       |                             |
|-----------------------|-----------------------------|
| Product type          | Panel-mount frame           |
| Product family        | IC-DFR                      |
| Product line          | COMBICON Connectors Special |
| Type                  | Feed-through assembly frame |
| Number of positions   | 3                           |
| Pitch                 | 5.08 mm                     |
| Number of connections | 3                           |
| Number of rows        | 1                           |
| Number of potentials  | 3                           |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Pitch               | 5.08 mm  |
| Width [w]           | 38.91 mm   |
| Height [h]          | 16.75 mm   |
| Length [l]          | 19 mm  |
| Installed height    | 16.75 mm   |

### Material specifications

#### Material data - housing

|   |              |
|---|--------------|
| Color (Housing)   | green (6021) |
| Insulating material   | PA           |
| Insulating material group   | I            |
| CTI according to IEC 60112  | 600          |
| Flammability rating according to UL 94                            | V0           |
| Glow wire flammability index GWFI according to EN 60695-2-12      | 850          |
| Glow wire ignition temperature GWIT according to EN 60695-2-13    | 775          |
| Temperature for the ball pressure test according to EN 60695-10-2 | 125 °C       |

### Connector

#### Connection 1

|                            |     |
|----------------------------|-----|
| Insulating material        | PA  |
| CTI according to IEC 60112 | 600 |

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## Environmental and real-life conditions

### Ambient conditions

|                                       |               |
|---------------------------------------|---------------|
| Relative humidity (storage/transport) | 30 % ... 70 % |
|---------------------------------------|---------------|

## Packaging specifications

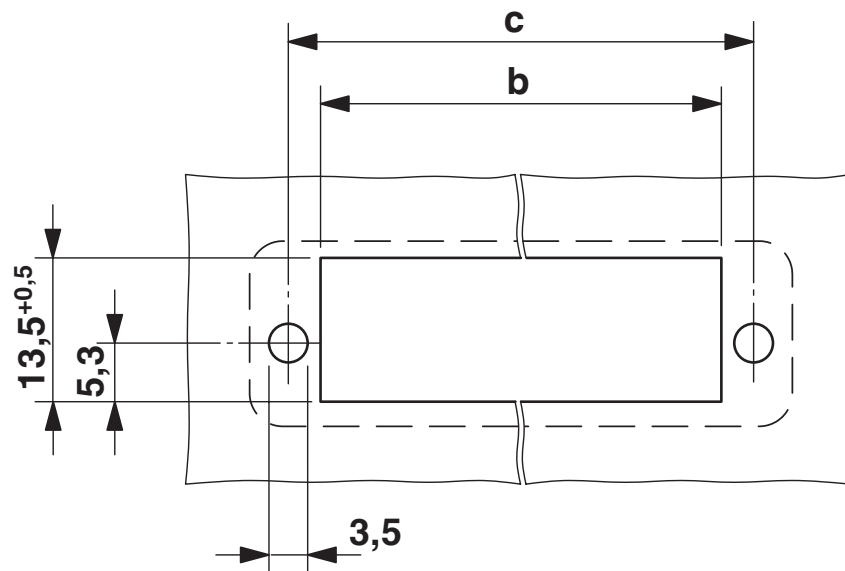
|                   |                     |
|-------------------|---------------------|
| Type of packaging | packed in cardboard |
|-------------------|---------------------|

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## Drawings

Drilling plan/solder pad geometry



Dimension b:  $10.84 \text{ mm} + (\text{no. of pos.} \times 5.08 \text{ mm})$

Dimension c:  $\text{Dim. b} + 5.83 \text{ mm}$

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27460405 |
| ECLASS-15.0 | 27460405 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002943 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.011 kg CO2e |
|---------|---------------|

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)