# IC-DFR 3 - Panel-mount frame

1852037

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

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Panel-mount frame, nominal cross section: 2.5 mm$^2$, 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 |

## Technical data

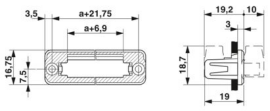
### Product properties

| | |
|---|---|
| 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 |

Fitting of components

| | |
|---|---|
| Partial assembly | No |

### 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 |

## Environmental and real-life conditions

Ambient conditions

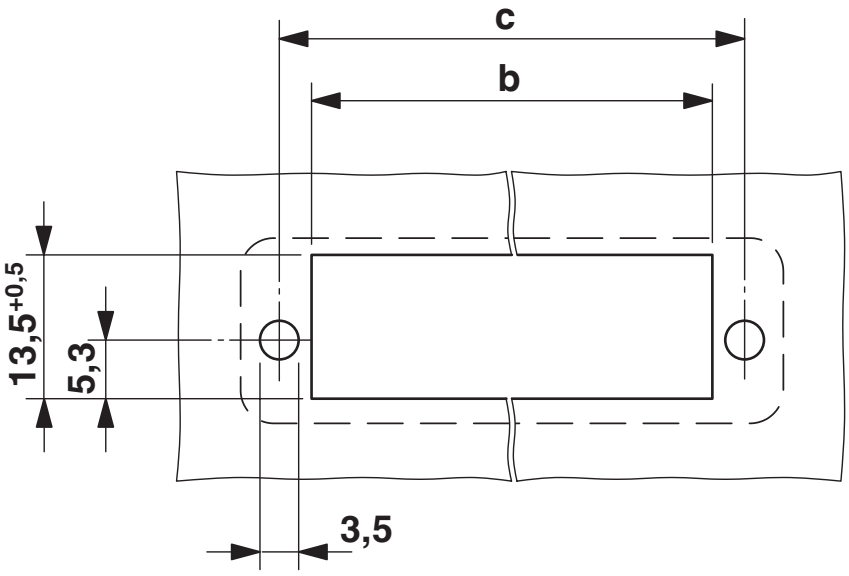
| | |
|---|---|
| Relative humidity (storage/transport) | 30 % ... 70 % |

## Packaging specifications

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

## Drawings

Drilling plan/solder pad geometry




Dimension b: 10.84 mm + (no. of pos. x 5.08 mm)
Dimension c: Dim. b + 5.83 mm

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

## 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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