

2169666-2 ✓ ACTIVE



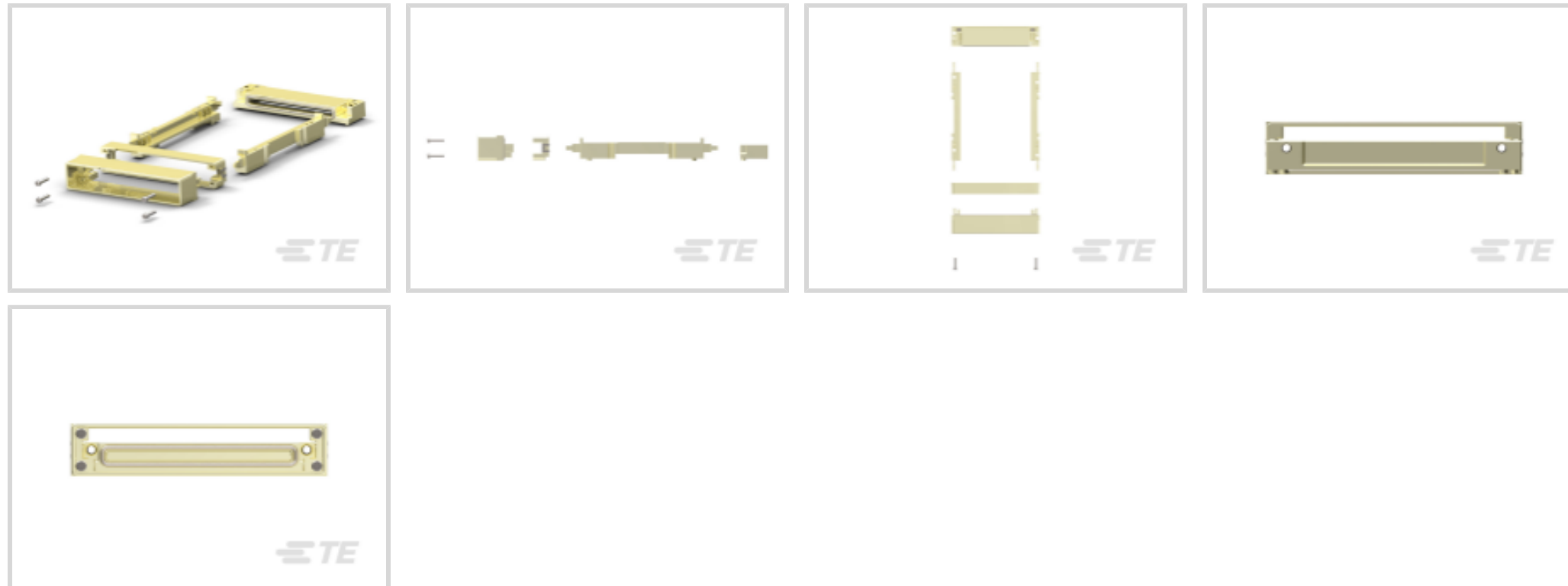
## CFP

TE Internal #: 2169666-2

CFP, CFP2 & CFP4, Accessory, 1 x 1, Fin, Data Rate (Max) 100 Gb/s,  
Double-Sided (Belly-to-Belly) Mount, Cable-to-Board, Printed  
Circuit Board, CFP

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > CFP, CFP2 & CFP4



Pluggable I/O Product Type: **Accessory**

Port Matrix Configuration: **1 x 1**

Thermal Accessory Type Included: **Heat Sink**

Heat Sink Style: **Fin**

Data Rate (Max): **100 Gb/s**

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Form Factor                       | CFP                   |
| Pluggable I/O Accessory Type      | Hardware Kit          |
| Cage Type                         | Kit                   |
| Pluggable I/O Product Type        | Accessory             |
| Thermal Accessory Type Included   | Heat Sink             |
| Connector System                  | Cable-to-Board        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                           |       |
|---------------------------|-------|
| Port Matrix Configuration | 1 x 1 |
|---------------------------|-------|

### Electrical Characteristics

|                 |          |
|-----------------|----------|
| Data Rate (Max) | 100 Gb/s |
|-----------------|----------|

### Body Features

|                 |     |
|-----------------|-----|
| Heat Sink Style | Fin |
|-----------------|-----|



### Contact Features

|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | .5 A |
|------------------------------|------|

### Termination Features

|   |               |
|---|---------------|
| Termination Method to Printed Circuit Board | Surface Mount |
|---|---------------|

### Mechanical Attachment

|                    |                               |
|--------------------|-------------------------------|
| PCB Mounting Style | Double-Sided (Belly-to-Belly) |
|--------------------|-------------------------------|

### Dimensions

|                             |                |
|-----------------------------|----------------|
| PCB Thickness (Recommended) | 2 mm [.079 in] |
|-----------------------------|----------------|

### Operation/Application

|                                     |              |
|-------------------------------------|--------------|
| Heat Sink Compatible                | Yes          |
| For Use With Pluggable I/O Products | CFP Assembly |
| Circuit Application                 | Signal       |

### Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

### Other

|                                  |  |
|----------------------------------|--|
| Pluggable I/O Connectors Comment | Kit includes 2 guide rails, 1 connector cover assy., 1 backer plate assy., 1 external bracket assy., 4 2-56 UNC stainless steel screws |
|----------------------------------|--|

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not applicable for solder process capability  |

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



## Also in the Series | CFP



## Documents

### Product Drawings

CFP HW Kit, No HS, With Clips and Screws

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2169666-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2169666-2\\_B.3d\\_igs.zip](#)



English

### Customer View Model

[ENG\\_CVM\\_CVM\\_2169666-2\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English