



TE Internal #: 2274842-2  
 CFP, CFP2 & CFP4, Cage Assembly, 1 x 1, Front End Air Flow, Heat Sink Height .38 in [9.55 mm], Data Rate (Max) 56 Gb/s, Through Hole - Press-Fit Mount

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



Pluggable I/O Product Type: **Cage Assembly**

Port Matrix Configuration: **1 x 1**

Thermal Accessory Type Included: **Heat Sink**

Heat Sink Style: **Front End Air Flow**

Heat Sink Height: **9.55 mm [ .38 in ]**

## Features

### Product Type Features

Form Factor	CFP2
Cage Type	Single
Product Line	CFP
Pluggable I/O Product Type	Cage Assembly
Thermal Accessory Type Included	Heat Sink
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Fins	11
Port Matrix Configuration	1 x 1

### Electrical Characteristics

Data Rate (Max)	56 Gb/s
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### Body Features



Plating Material	Nickel
Heat Sink Finish	Anodized Black
Material	Aluminum Alloy
Heat Sink Style	Front End Air Flow
Heat Sink Height	9.55 mm [.38 in]

### Contact Features

Contact Current Rating (Max)	.5 A
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### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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### Mechanical Attachment

PCB Mounting Style	Through Hole - Press-Fit
Connector Mounting Type	Board Mount

### Dimensions

Width	45.2 mm
PCB Thickness (Recommended)	3 mm
Length	93.2 mm

### Usage Conditions

Operating Temperature Range	-55 – 85 °C
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### Operation/Application

Heat Sink Compatible	Yes
For Use With Pluggable I/O Products	CFP Connector System
Circuit Application	Signal

### Packaging Features

Packaging Method	Box & Tray
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### 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)



Candidate List Declared Against: JAN 2022  
(223)  
SVHC > Threshold:  
Not Yet Reviewed

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

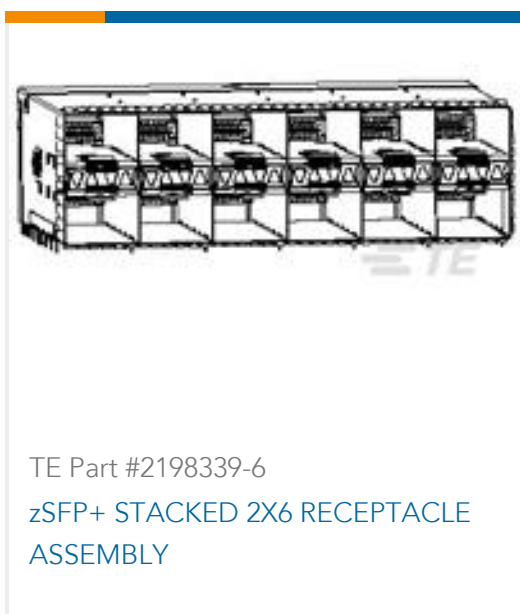
Product Compliance Disclaimer

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



### Customers Also Bought





## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2274842-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2274842-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2274842-2\\_B.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[CFP2/CFP4 Connectors & Cages](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English