



TE Internal #: 2274843-2
CFP2, Cage Assembly, Signal, Operating Temperature Range -55 – 85 °C [-67 – 185 °F], Data Rate (Max) 56 Gb/s, 1 Ports, Port Matrix Configuration 1 x 1
[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages



Form Factor: **CFP2**
Pluggable I/O Product Type: **Cage Assembly**
Sealable: **No**
Circuit Application: **Signal**
Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**

Features

Contact Features

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

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
---------------------------	--------------------------

Dimensions

Product Width	45.2 mm
Product Length	93.2 mm
PCB Thickness (Recommended)	3 mm[.118 in]

Mechanical Attachment

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

Body Features

Primary Product Plating Material	Nickel
Primary Product Material	Aluminum Alloy

Packaging Features

Packaging Method	Box & Tray
------------------	------------



Operation/Application

Heat Sink Compatible	Yes
Circuit Application	Signal

Product Type Features

Cage Type	Single
Form Factor	CFP2
Pluggable I/O Product Type	Cage Assembly
Sealable	No

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	56 Gb/s
-----------------	---------

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
-----------------------------	---------------------------

Other

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 reviewed 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



TE Part # 2288221-1

CFP2 EMI/DUST PLUG



TE Part # 2274845-1

CFP2 RECEPTACLE ASSEMBLY

Customers Also Bought



TE Part #640455-2

02P MTA100 HDR ASSY SQ R/A POL



TE Part #1-84953-0

1MM FPC HORZ.TOP CONT.ASSY 10P



TE Part #5796055-2

68 CHAMP R/A ASSY,LC



TE Part #2355182-6

6P,2MM,BRK HDR,SRVT,2.8,0.76AU,TB



TE Part #ANT-868-CPA

Antenna CER Patch 25mm Sq 868MHz Adh



TE Part #L9000277-01

SMA Jack 50 Ohm .031 PCB Edge Mount



TE Part #CONUFL001-SMD-T

U.FL/MHF1 Jack 50 Ohm PCB Surface Mount



TE Part #CSH-SGFB-200-UFFR

SMA to U.FL/MHF1 200mm 1.32 OD



Documents

Product Drawings

CAGE ASSEMBLY, CFP2, 1X1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2274843-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2274843-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2274843-2_A.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