



TE Internal #: 2274843-2
 CFP, CFP2 & CFP4, Cage Assembly, 1 x 1, Data Rate (Max) 56 Gb/s,
 Double-Sided (Belly-to-Belly) Mount, Cable-to-Board, Printed
 Circuit Board, Signal

[View on TE.com >](#)

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



Pluggable I/O Product Type: **Cage Assembly**
 Port Matrix Configuration: **1 x 1**
 Data Rate (Max): **56 Gb/s**
 PCB Mounting Style: **Double-Sided (Belly-to-Belly)**
 Connector System: **Cable-to-Board**

Features

Product Type Features

Form Factor	CFP2
Cage Type	Single
Pluggable I/O Product Type	Cage Assembly
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)	56 Gb/s
-----------------	---------

Body Features

Primary Product Plating Material	Nickel
Primary Product Material	Aluminum Alloy

Contact Features



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

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
---	--------------------------

Mechanical Attachment

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

Connector Mounting Type	Board Mount
-------------------------	-------------

Dimensions

PCB Thickness (Recommended)	3 mm
-----------------------------	------

Product Width	45.2 mm
---------------	---------

Product Length	93.2 mm
----------------	---------

Usage Conditions

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

Operation/Application

Heat Sink Compatible	Yes
----------------------	-----

For Use With Pluggable I/O Products	CFP Assembly
-------------------------------------	--------------

Circuit Application	Signal
---------------------	--------

Packaging Features

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

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 2274845-1
CFP2 RECEPTACLE ASSEMBLY



TE Part # 2288221-1
CFP2 EMI/DUST PLUG

Customers Also Bought



TE Part #5100147-1
Z-PACK/A RAF 110P



TE Part #3-1825059-0
ADF06STTR04=DIP S,FLUSH,SMT-GW



TE Part #770997-1
04P CMNL SOK HDR ASSY



TE Part #1375800-4
ASSY,120 POS PC104 PLUS LF



TE Part #1469265-2
UPM R/A KEYED GUIDE PIN



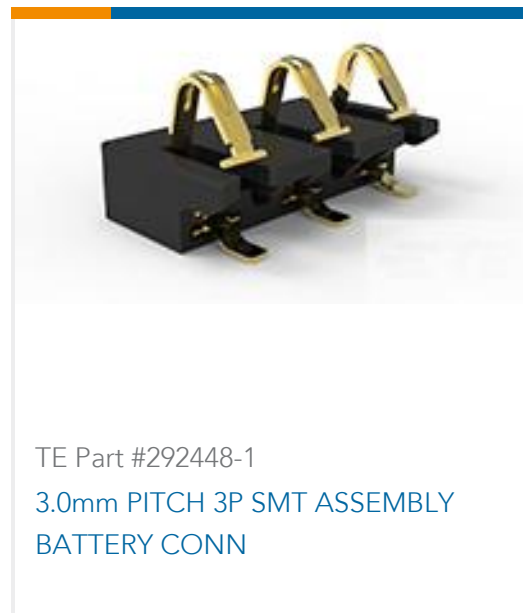
TE Part #5223986-2
UPM KEYED GUIDE MODULE



TE Part #2274845-1
CFP2 RECEPTACLE ASSEMBLY



TE Part #1888810-2
EMI/Dust Cover,XFP And QSFP



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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English