# 2287076-2 - ACTIVE

TE Internal #: 2287076-2 CFP, CFP2 & CFP4, Cage Assembly, 1 x 2, Data Rate (Max) 56 Gb/s, Cable-to-Board, Printed Circuit Board, Signal, Board Mount, -55 -85 °C

#### View on TE.com >

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



Pluggable I/O Product Type: Cage Assembly

Port Matrix Configuration: 1 x 2

Data Rate (Max): 56 Gb/s

Connector System: Cable-to-Board

Sealable: No

### Features

Product Type Features



Form Factor	CFP2
Cage Туре	Ganged
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 2
Electrical Characteristics	
Data Rate (Max)	56 Gb/s
Body Features	
Primary Product Plating Material	Nickel
Primary Product Material	Aluminum Alloy
Contact Features	

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Contact Current Rating (Max)	.5 A
Termination Features	
Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Mechanical Attachment	
Connector Mounting Type	Board Mount
Dimensions	
PCB Thickness (Recommended)	3 mm
Product Width	87.84 mm
Product Length	93.2 mm
Usage Conditions	
Operating Temperature Range	-55 – 85 °C
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: JUNE 2023 (235) 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	

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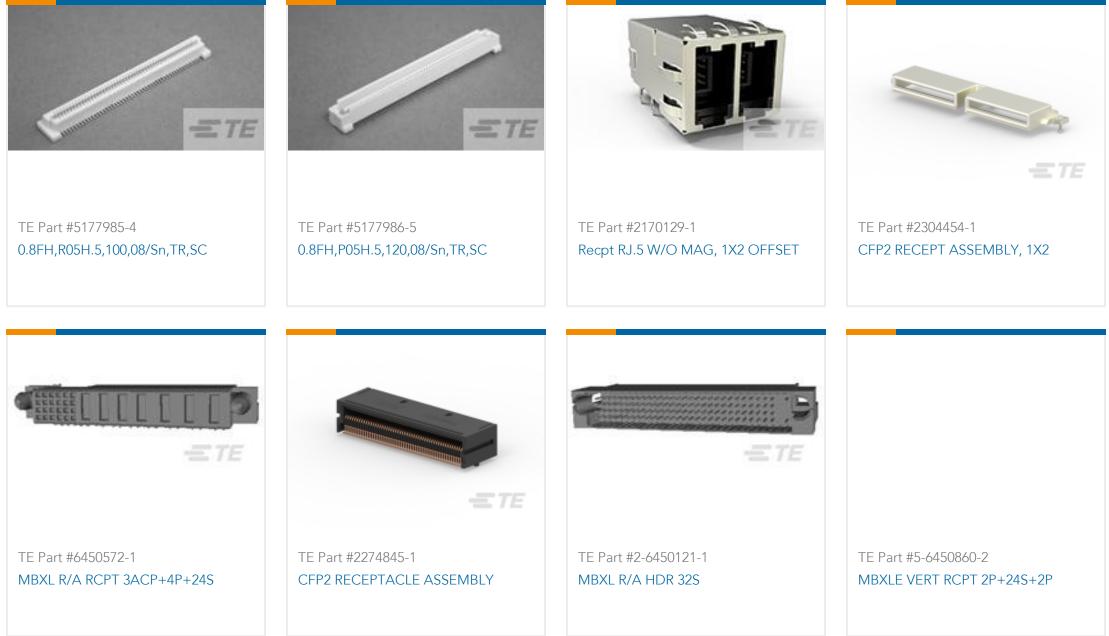


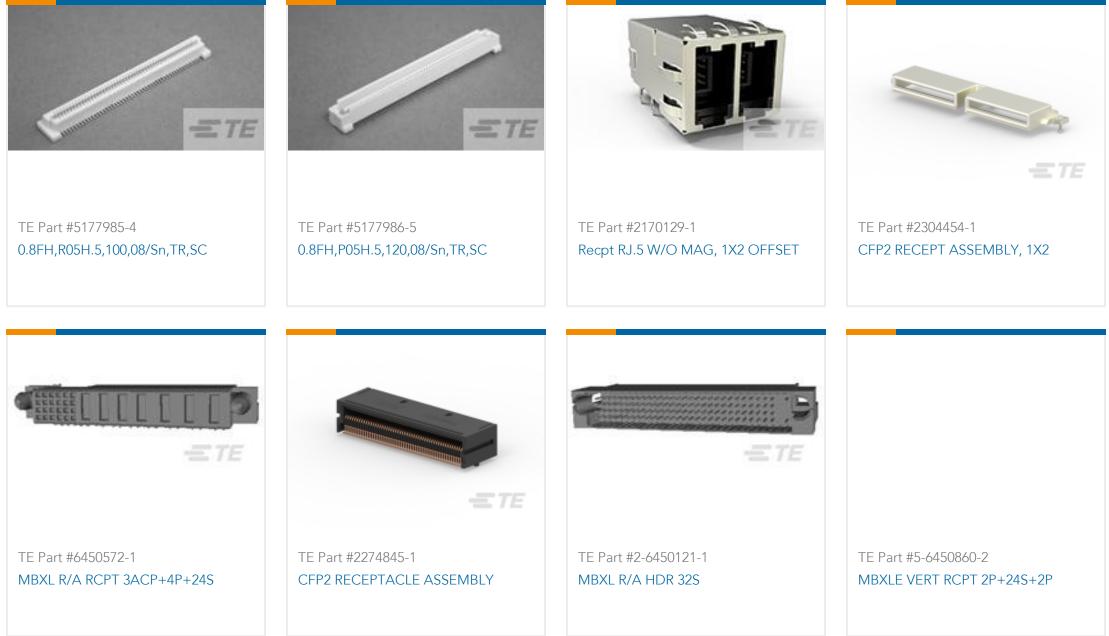
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-onreach

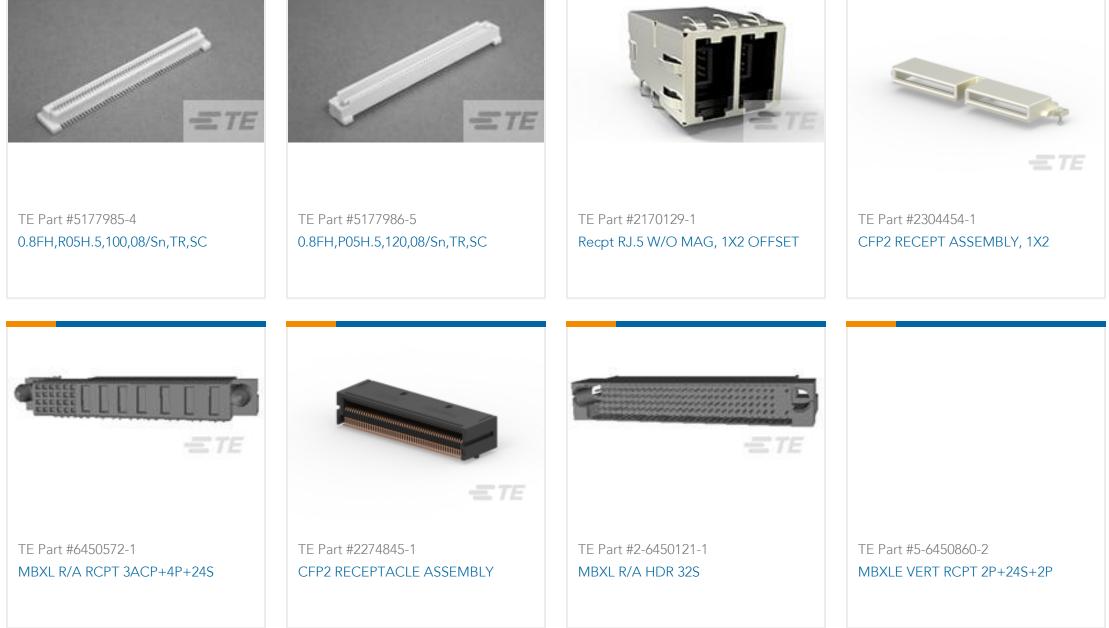
## **Compatible Parts**

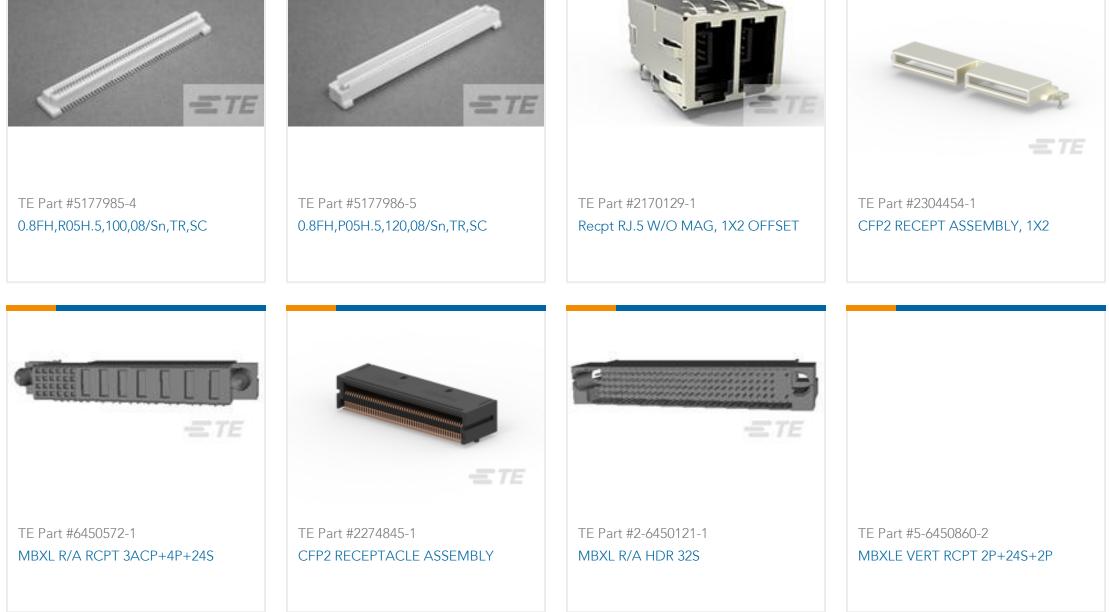


## Customers Also Bought









### **Documents**

**Product Drawings** CFP2 CAGE ASSEMBLY, 1X2

English

**CAD** Files 3D PDF

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3D

Customer View Model ENG\_CVM\_CVM\_2287076-2\_1.2d\_dxf.zip English Customer View Model ENG\_CVM\_CVM\_2287076-2\_1.3d\_igs.zip English Customer View Model ENG\_CVM\_CVM\_2287076-2\_1.3d\_stp.zip English Verwerden were compared to the Terms and Conditions of use.

**Application Specification** 

English