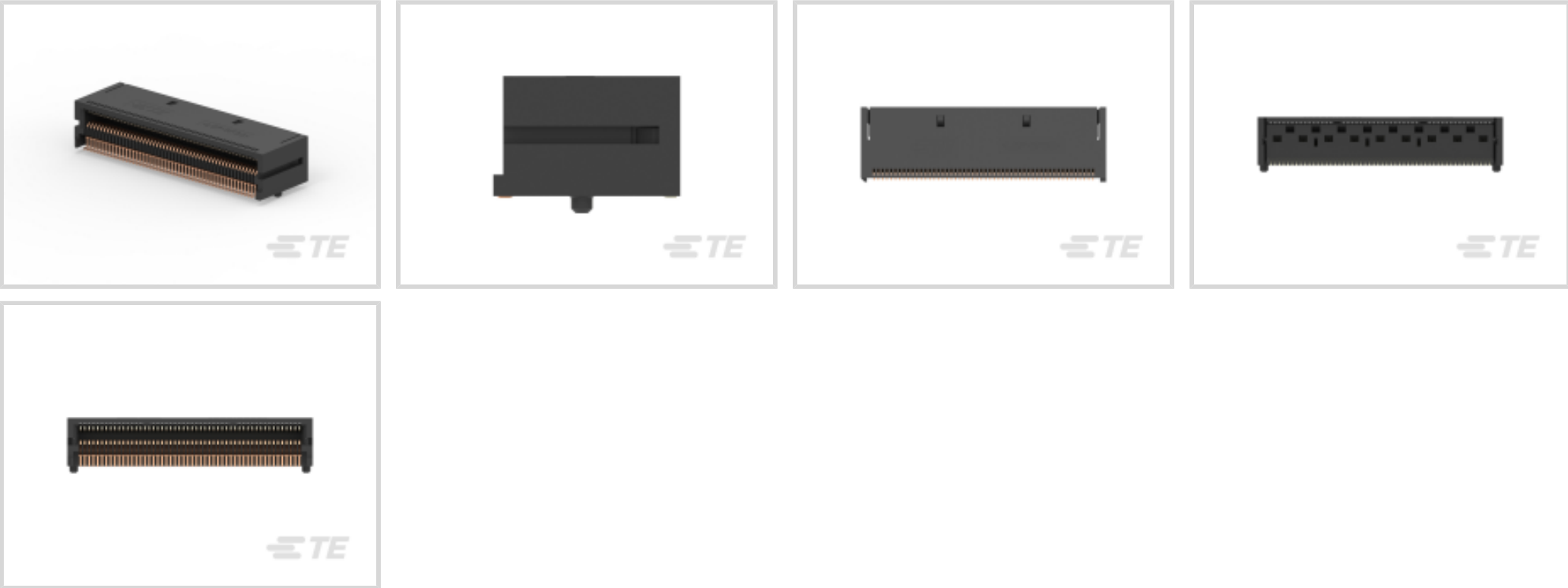




TE Internal #: 2274845-1
CFP2, Connector, .6mm [.023in] Centerline, Signal, Operating
Temperature Range -55 – 85 °C [-67 – 185 °F], Data Rate (Max) 56
Gb/s, 104 Position
[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Connector**
Centerline (Pitch): **.6 mm [.023 in]**
Sealable: **No**
Circuit Application: **Signal**
Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**

Features

Product Type Features

Pluggable I/O Product Type	Connector
Sealable	No
Form Factor	CFP2

Configuration Features

Number of Positions	104
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Electrical Characteristics

Data Rate (Max)	56 Gb/s
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Contact Features

Contact Current Rating (Max)	.5 A
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Termination Features

Termination Method to PCB	Surface Mount
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Housing Features

Centerline (Pitch)	.6 mm[.023 in]
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Usage Conditions



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

Circuit Application	Signal
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Product Compliance

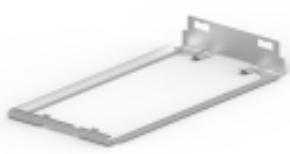
For compliance documentation, visit the product page on TE.com>

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 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	Reflow solder capable to 260°C

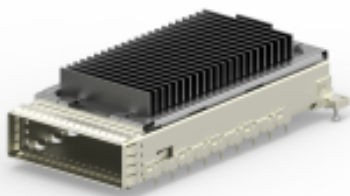
Product Compliance Disclaimer

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>

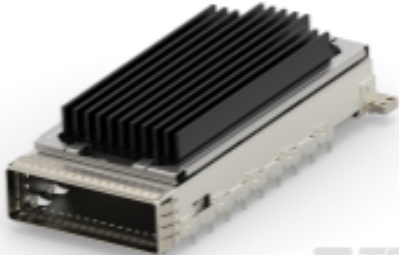
Compatible Parts



TE Part # 2288220-2
CFP2 HEATSINK CLIP



TE Part # 2274842-1
HARDWARE KIT, CFP2, 1X1

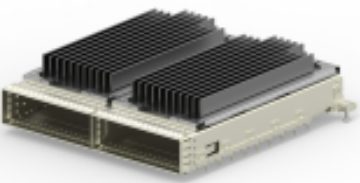
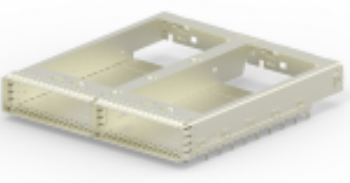
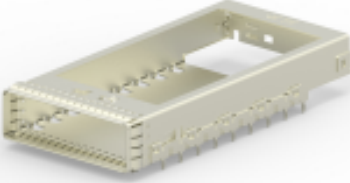
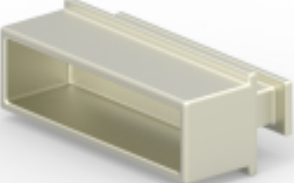
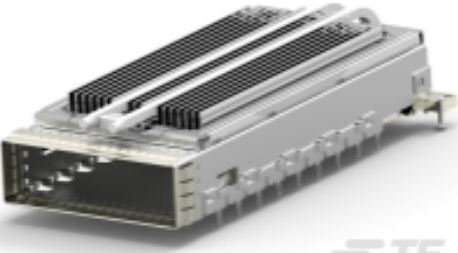
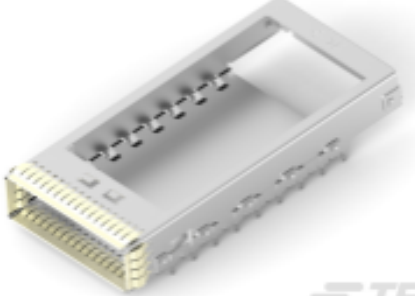


TE Part # 2274842-2
HARDWARE KIT, CFP2, 1X1,

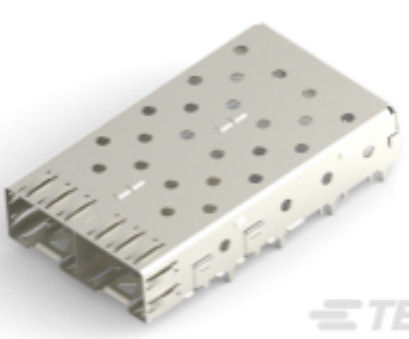
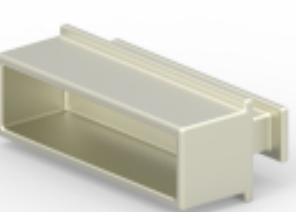


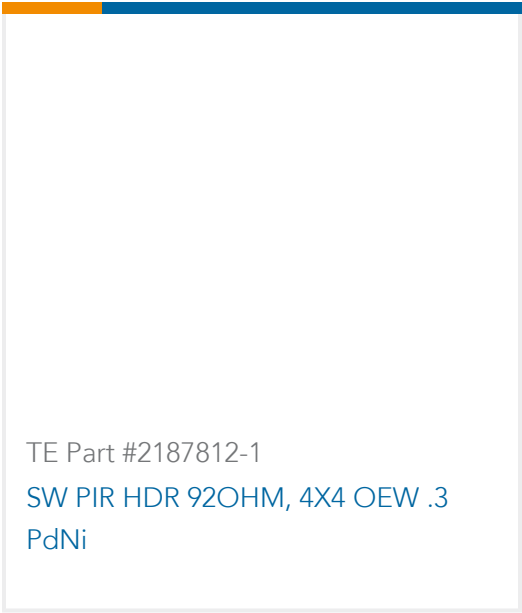
TE Part # 2287075-1
CFP2 HARDWARE KIT, 1X2



 TE Part # 2287075-2 CFP2 HARDWARE KIT, 1X2	 TE Part # 2287076-2 CFP2 CAGE ASSEMBLY, 1X2	 TE Part # 2274843-2 CAGE ASSEMBLY, CFP2, 1X1	 TE Part # 2288221-1 CFP2 EMI/DUST PLUG
 TE Part # 2314979-1 HARD WARE KITS WITH HS&LP,CFP2 1X1	 TE Part # 2274843-4 CAGE ASSEMBLY WITH INSULATOR, CFP2, 1X1	 TE Part # 2274842-4 HARDWARE KIT, CFP2, 1X1, DCO	 TE Part # 2373639-1 HARDWARE KIT, CFP2, 1X2, DCO
 TE Part # 2274842-3 HARDWARE KIT, CFP2, 1X1, DCO			

Customers Also Bought

 TE Part #2007181-1 SFP+ 1x2 Cage Assy, EMI Gasket	 TE Part #1934305-1 Tin Man Header Assy 4x8Open	 TE Part #1761014-3 SFP 1X2 CAGE ASSY, PRESS FIT	 TE Part #3-794680-4 04P MICRO MNL ASSY,VRT,THRU LF
 TE Part #2288221-1 CFP2 EMI/DUST PLUG	 TE Part #2356426-1 RA REC ASSY 4X4, 92OHM PIR WHISPER R	 TE Part #2170703-1 CAGE ASSEMBLY, QSFP28 1X1, SPRING	 TE Part #2057442-2 IMP100S,H,V4P8C,UG,OEW46,4.9



Documents

Product Drawings

CFP2 RECEPTACLE ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2274845-1_9.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2274845-1_9.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2274845-1_9.3d_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