



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
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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

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
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Body Features

Primary Product Plating Material	Nickel
Primary Product Material	Aluminum Alloy

Contact Features

Contact Current Rating (Max)	.5 A
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Termination Features

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

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

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

Usage Conditions

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

Heat Sink Compatible	Yes
Circuit Application	Signal

Packaging Features

Packaging Method	Box & Tray
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Other

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 #1879208-8
CPF 0402 20R 0.1% 25PPM 1K RL



TE Part #2309409-1
DDR4 SODIMM 260P 5.2H STD



TE Part #2-2176331-3
CRGP 2512 680R 1%



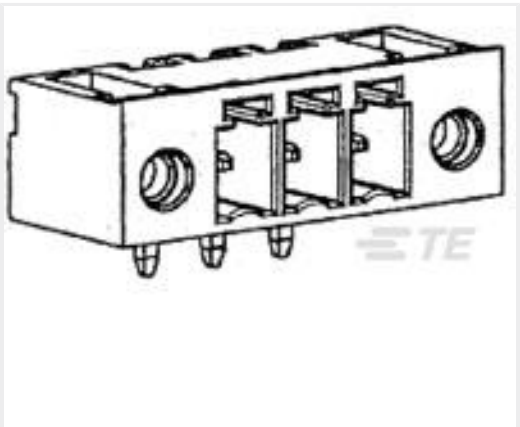
TE Part #2383942-2
TERMI-BLOK SMD MOUNT 180_2P_3.5 MM



TE Part #1888901-1
SFP+ EMI Plug



TE Part #9-2176305-0
RP 1E 0.1W 909R 0.1% 25PPM 5K RL



TE Part #796864-3
3 POS TERMI-BLOK HDR RT ANGLE



TE Part #6-2337992-8
RJ45 JACK MAG. POE 1GB LED 1X1



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