



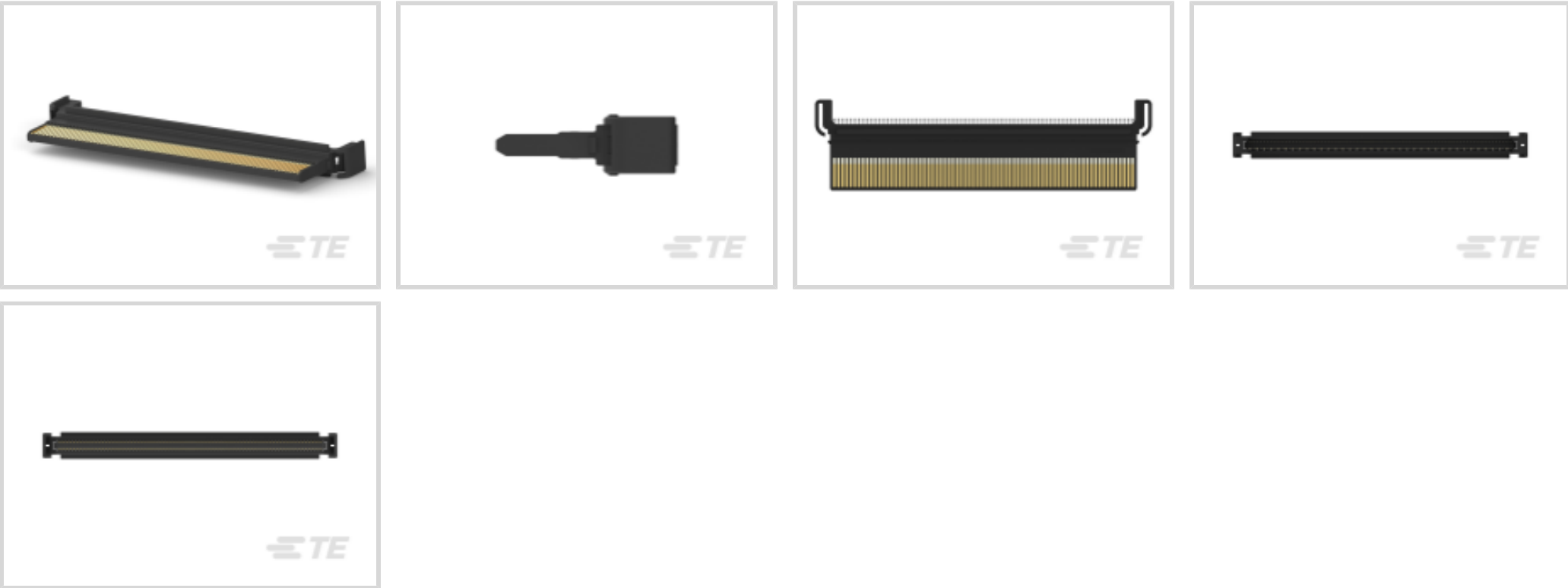
CFP

TE Internal #: 2057629-1

CFP, Connector, .031in [.8mm] Centerline, Signal, Operating Temperature Range -55 - 85 °C [-67 - 185 °F], Data Rate (Max) 100 Gb/s, 148 Position

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Connector**

Centerline (Pitch): **.8 mm [.031 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	CFP

Configuration Features

Number of Positions	148
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	100 Gb/s
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Body Features

Primary Product Plating Material	Gold
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Housing Features

Centerline (Pitch)	.8 mm[.031 in]
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Dimensions

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PCB Thickness (Recommended)	1.45 mm[.057 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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Packaging Features

Packaging Method	Box & Tray
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 2057630-1
CFP Receptacle Conn Assy

Also in the Series | CFP



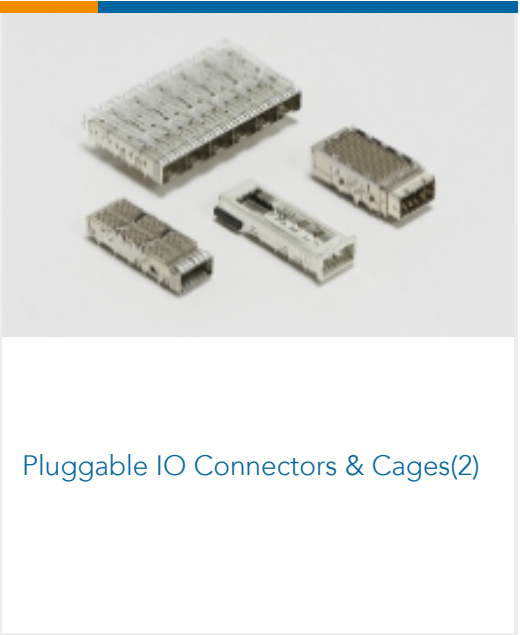
Connector Caps & Covers(2)



Connector Hardware(14)



Heat Sinks(3)



Pluggable IO Connectors & Cages(2)

Customers Also Bought



TE Part # 1-1469373-1
ATCA GUIDE MODULE RA FEMALE



TE Part # 1982295-2
ELCON MINI 2P RA HEADER, W/O CODING



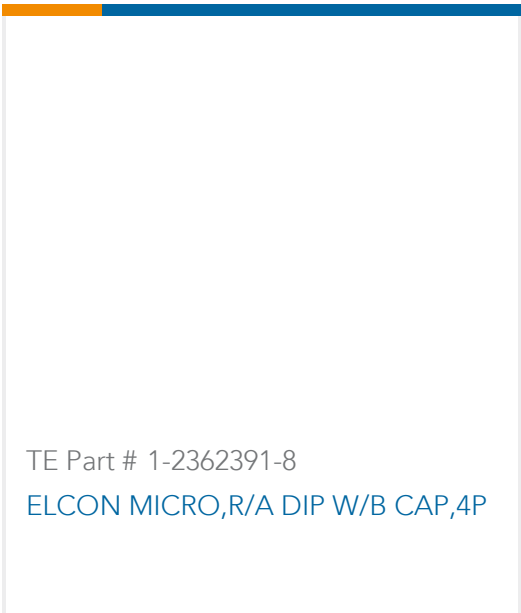
TE Part # 1-1469267-1
GUIDE MODULE VERT MALE SHORT P



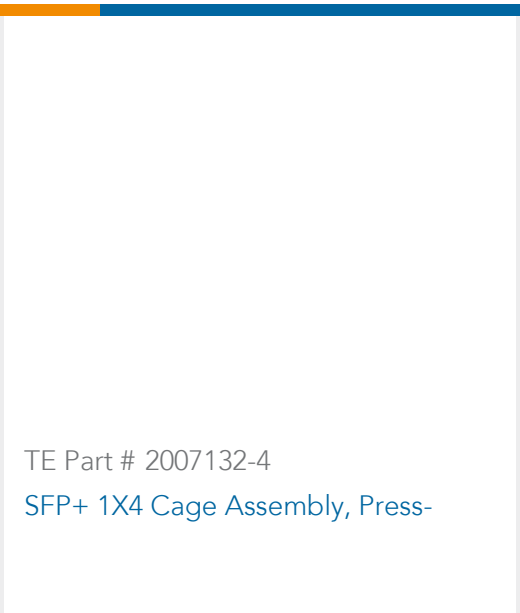
TE Part # 2007722-1
IMP100S, R, RA4P16C, RG, 39



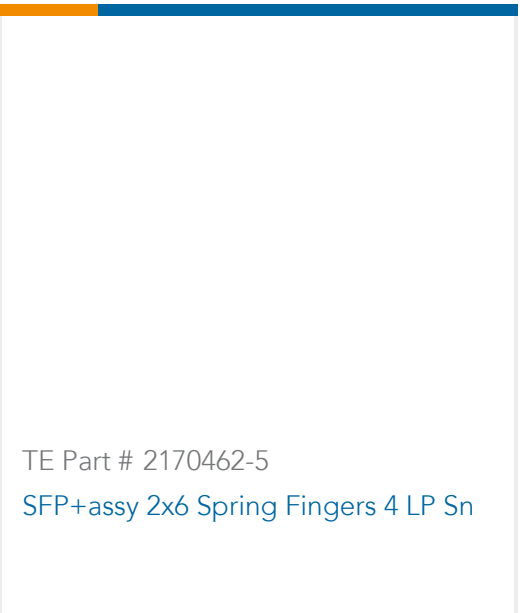
TE Part # 1934316-1
Tin Man Header Assy 4x16 Double



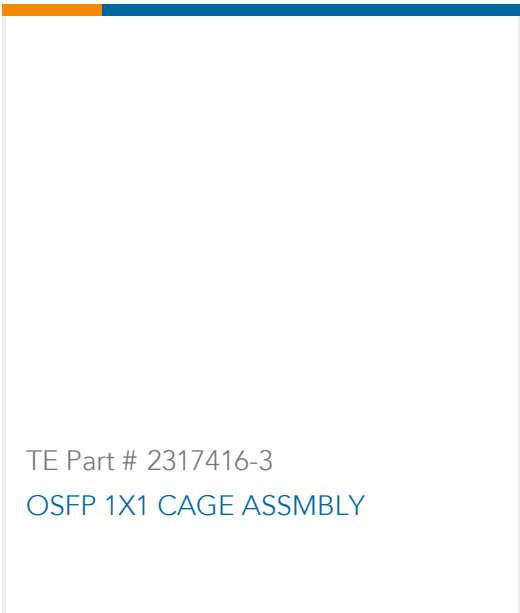
TE Part # 1-2362391-8
ELCON MICRO, R/A DIP W/B CAP, 4P



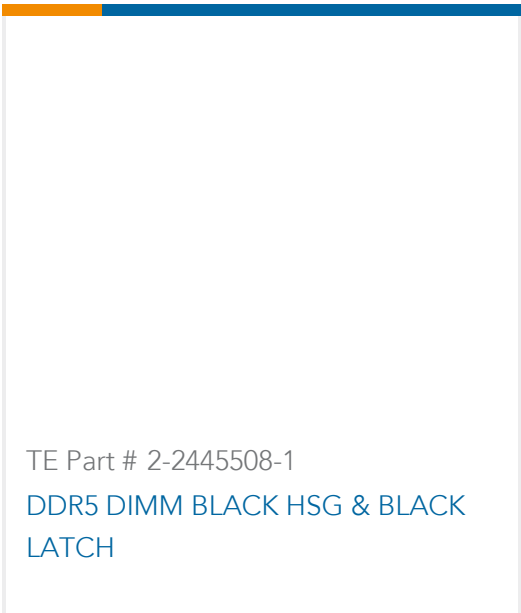
TE Part # 2007132-4
SFP+ 1X4 Cage Assembly, Press-



TE Part # 2170462-5
SFP+assy 2x6 Spring Fingers 4 LP Sn



TE Part # 2317416-3
OSFP 1X1 CAGE ASSMBLY



TE Part # 2-2445508-1
DDR5 DIMM BLACK HSG & BLACK LATCH



Documents

Product Drawings

CFP Module Conn Assy

English

CAD Files

Customer View Model

ENG_CVM_CVM_2057629-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2057629-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2057629-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

CFP_40G_100G_ETHERNET_CONNECTORS

English

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English