2057629-1 ✔ ACTIVE

CFP

TE Internal #: 2057629-1

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

View on TE.com >

Connectors > High Speed 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

Body Features

Primary Product Plating Material	Gold

Mechanical Attachment

PCB Mounting Style	Straddle Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.45 mm[.057 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Box & Tray

Product Compliance

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

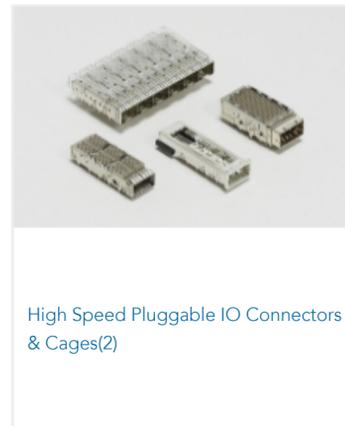| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

2057629-1

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

TE Part # 2057630-1
CFP Receptacle Conn Assy

Also in the Series | CFP

Connector Caps & Covers(1)

Connector Hardware(8)

Heat Sinks(2)

High Speed Pluggable IO Connectors & Cages(2)

Customers Also Bought

TE Part #T4133012051-000
M12,FRONT MOUNT,FEMALE,A,5P, SOLDER WIRE

TE Part #1-338088-6
8/8 INV.MOD.JACK

TE Part #1934222-1
Tin Man Recpt Assy 4Pair8Column

TE Part #2170680-1
SFP+ 1x1 Cage Assembly, Press-

TE Part #2187724-1
SW PIR HDR BP, 92OHM, 4X4 OEW

TE Part #2204423-1
MULTI-BEAM HD VERTICAL REC. 2P

TE Part #1-2376822-1
LGA7529 BR1A ASSY

TE Part #2434992-2
SOCKET E2 TFLM KIT WITH COVER

TE Part #2325259-1
RA REC ASSY 4X6, 92OHM PIR WHISPER R

TE Part #2332485-1
RA REC ASSY 4X4, 92OHM PIR WHISPER R

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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