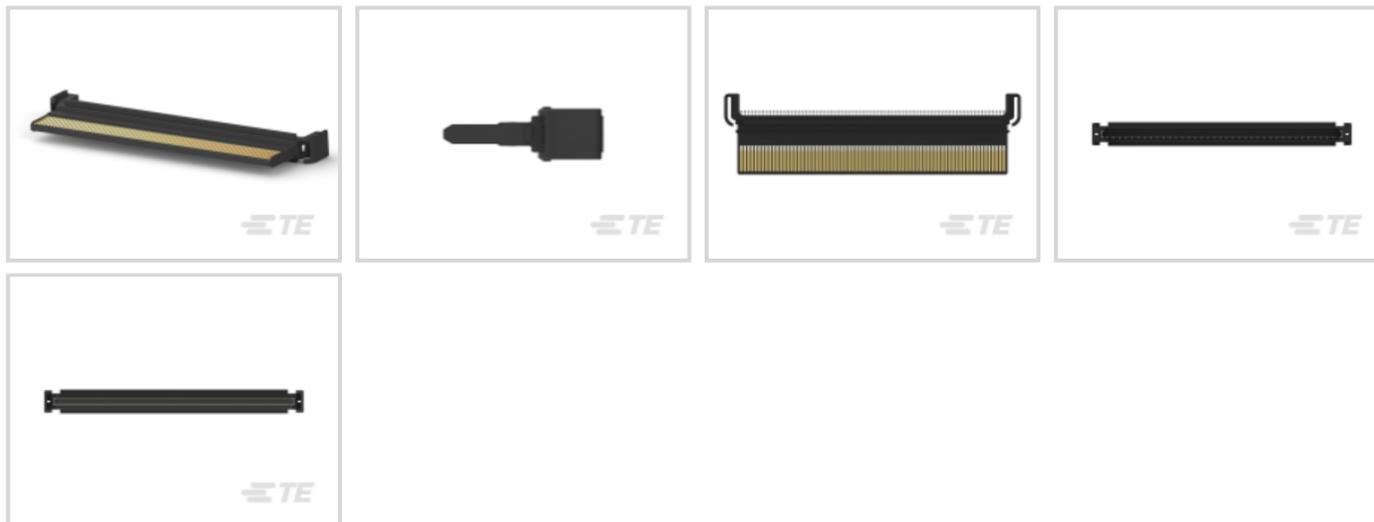# 2057629-1 ✔ ACTIVE

CFP

TE Internal #: 2057629-1

CFP, CFP2 & CFP4, Connector, 1 x 1, Data Rate (Max) 100 Gb/s, Straddle Mount Mount, Board-to-Board, 148 Position, .031 in [.8 mm] Centerline, CFP

View on TE.com >

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

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

Port Matrix Configuration: **1 x 1**

Data Rate (Max): **100 Gb/s**

PCB Mounting Style: **Straddle Mount**

Connector System: **Board-to-Board**

Features

Product Type Features

Form Factor	CFP
Pluggable I/O Product Type	Connector
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 1
Number of Positions	148

Electrical Characteristics

Data Rate (Max)	100 Gb/s

Body Features

Primary Product Plating Material	Gold

Mechanical Attachment

2057629-1

CFP, CFP2 & CFP4, Connector, 1 x 1, Data Rate (Max) 100 Gb/s, Straddle Mount
Mount, Board-to-Board, 148 Position, .031 in [.8 mm] Centerline, CFP

PCB Mounting Style	Straddle Mount
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.44 mm[.057 in]

Usage Conditions

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

Operation/Application

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

2057629-1

CFP, CFP2 & CFP4, Connector, 1 x 1, Data Rate (Max) 100 Gb/s, Straddle Mount
Mount, Board-to-Board, 148 Position, .031 in [.8 mm] Centerline, CFP

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

CFP, CFP2 & CFP4(21)

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

Datasheets & Catalog Pages

CFP_40G_100G_ETHERNET_CONNECTORS

2057629-1

CFP, CFP2 & CFP4, Connector, 1 x 1, Data Rate (Max) 100 Gb/s, Straddle Mount
Mount, Board-to-Board, 148 Position, .031 in [.8 mm] Centerline, CFP

English

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English