



CFP

TE Internal #: 2057630-1

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

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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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Termination Features

Termination Method to PCB	Surface Mount
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Housing Features

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

PCB Thickness (Recommended)	2 mm[.079 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	Reel
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Product Compliance

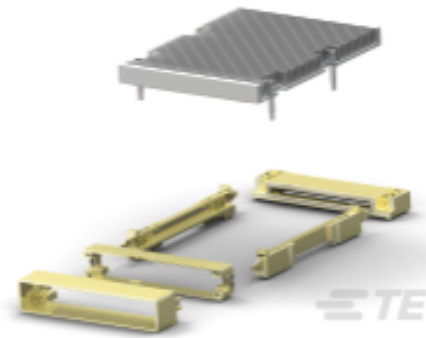
For compliance documentation, visit the product page on [TE.com](#)>

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

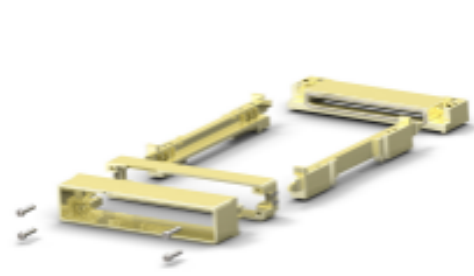
Product Compliance Disclaimer

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>

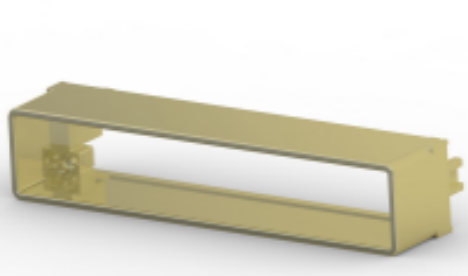
Compatible Parts



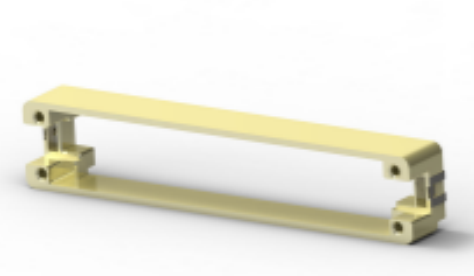
TE Part # 2132404-1
CFP Hardware Kit



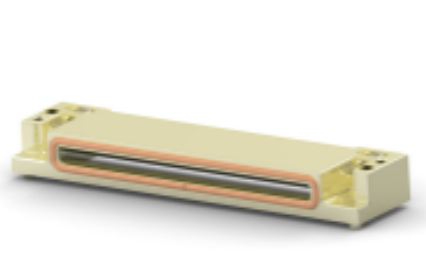
TE Part # 2169666-2
CFP HW Kit, No HS, With Clips and Screws



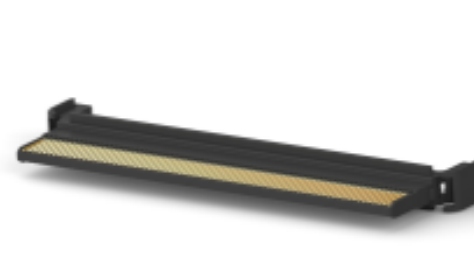
TE Part # 2057626-1
CFP External Bracket Assy



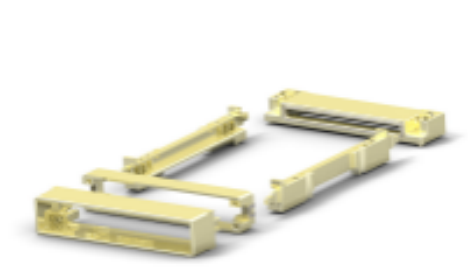
TE Part # 2057930-1
CFP Backer Plate Assy



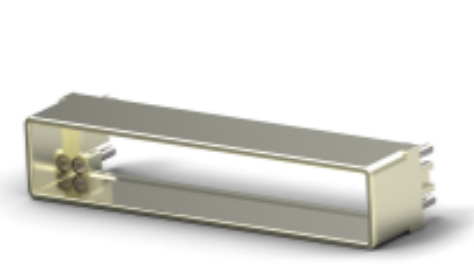
TE Part # 2057631-1
CFP Receptacle Cover Assy



TE Part # 2057629-1
CFP Module Conn Assy



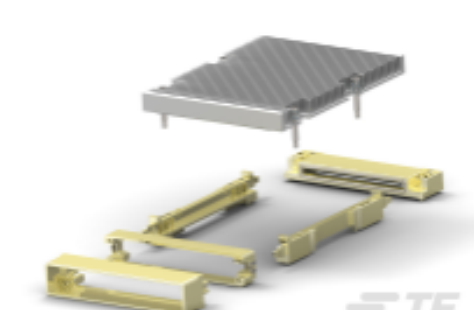
TE Part # 2169666-1
CFP HW Kit, No HS, With Clips



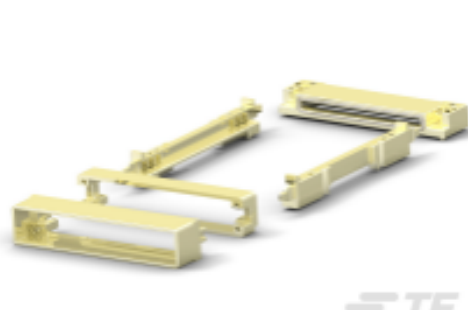
TE Part # 2169710-1
CFP External Bracket Assy



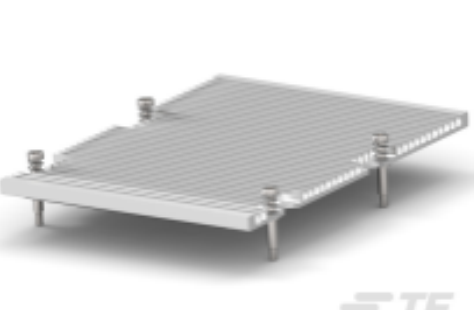
TE Part # 2180467-1
2-56 UNC x .375, CFP, External Bracket



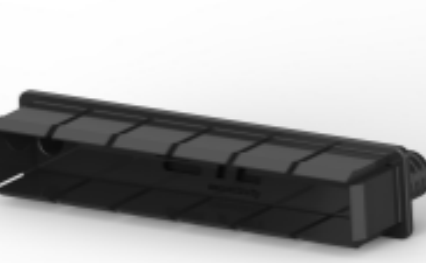
TE Part # 2180837-1
CFP Hardware Kit



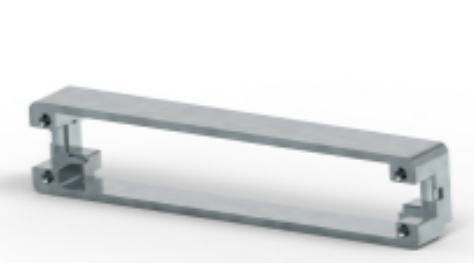
TE Part # 2227675-1
CFP HW Kit, No HS, No Clips



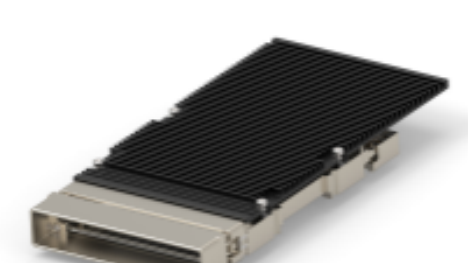
TE Part # 2274283-1
Heatsink Assembly, CFP



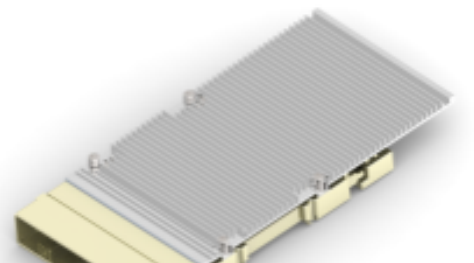
TE Part # 2149151-1
EMI/Dust Cover, CFP



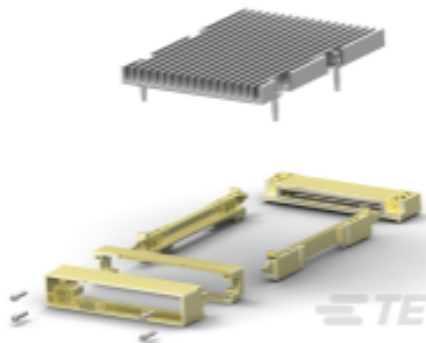
TE Part # 2057928-3
100G CFP Backer Plate, No Clips



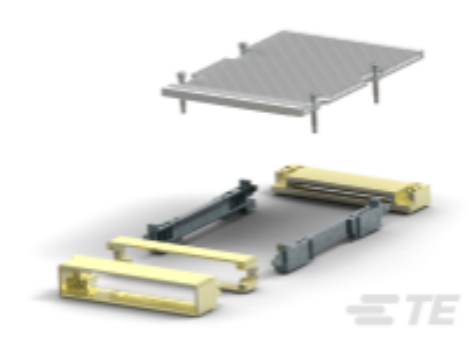
TE Part # 2300837-1
Hardware Kit, CFP, 5mm Heatsink



TE Part # 2300837-2
Hardware Kit, CFP, 5mm Heatsink



TE Part # 2227326-1
CFP HW Kit, w/FtB HS, 19 fin, 10.3mm



TE Part # 2274284-1
Hardware Kit, CFP, 5mm Heatsink

Also in the Series | CFP



Connector Caps & Covers(2)

Connector Hardware(8)

Heat Sinks(2)

Pluggable IO Connectors & Cages(2)

Customers Also Bought

TE Part #2007394-5
SFP+assy 2x4 Spring Fingers 4

TE Part #2057631-1
CFP Receptacle Cover Assy

TE Part #2057629-1
CFP Module Conn Assy

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

TE Part #2057592-2
CFP Guide Rail

TE Part #1489948-2
XFP HEAT SINK CLIP, PLATED

TE Part #1934225-1
Tin Man Recept Assy 4 Pair 16 Column

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

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

TE Part #2169802-1
IMP,PWR,4PR,R/A,Hdr,6.9,6.9,Tin

Documents

Product Drawings
CFP Receptacle Conn Assy
English

CAD Files
Customer View Model
ENG_CVM_CVM_2057630-1_A.2d_dxf.zip
English
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_2057630-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2057630-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1-1773717-7_PLUGGABLE_IO_ORG_CN](#)

English

[1-1773717-8_PLUGGABLEIO_ORG_TCN](#)

English

[1-1773717-9_HIGH_SPEED_IO_ORG_JA](#)

English

[CFP_40G_100G_ETHERNET_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English