2291931-1 ✔ ACTIVE

CDFP

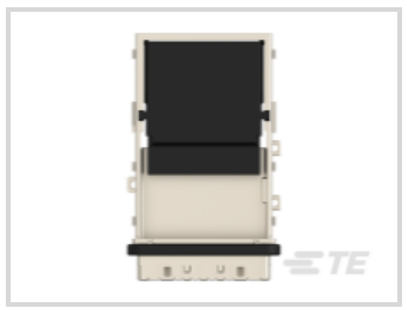
TE Internal #: 2291931-1

CDFP Style 1, Cage Assembly with Integrated Connector, .03in [.75mm] Centerline, Sealable, Signal

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > CDFP Cage Assemblies







Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Centerline (Pitch): **.75 mm [.03 in]**

Sealable: **Yes**

Circuit Application: **Signal**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °F]**

All CDFP Cage Assemblies (3)

Features

Product Type Features

Cage Type	Single
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	Yes
Form Factor	CDFP Style 1

Configuration Features

Number of Positions	60
Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	400 Gb/s

Body Features

Cage Plating Material	Nickel

Contact Features

Contact Base Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Housing Features

Cage Material	Zinc Alloy
Centerline (Pitch)	.75 mm[.03 in]

Dimensions

Product Length	54.3 mm[2.139 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Signal

Other

Included Lightpipe	No
EMI Containment Feature Type	Elastomeric Gasket

Product Compliance

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

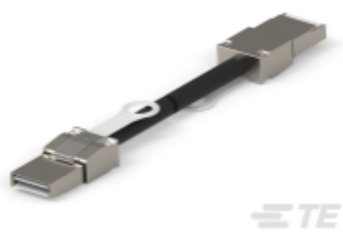
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable 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 # 2-2347274-1
CDFP style 1, PCIe Gen 4, 0.5M, 32AWG



TE Part # 2-2347274-2
CDFP style 1, PCIe Gen 4, 1M, 32AWG



TE Part # 2347274-1
CDFP style 1, PCIe Gen 4, 0.5M



TE Part # 2347274-2
CDFP style 1, PCIe Gen 4, 1M



TE Part # 2347274-3
CDFP style 1, PCIe Gen 4, 1.5M



TE Part # 2347274-4
CDFP style 1, PCIe Gen 4, 2M



TE Part # 2347274-5
CDFP style 1, PCIe Gen 4, 2.5M

Also in the Series | CDFP



Pluggable IO Connectors & Cages(3)

Customers Also Bought

TE Part #2415795-2
MCIO 16X STR to 2XMCIO 8X STR

TE Part #2418344-1
CA,PCIE CEM X16 TO X8 MCIO+SLIVER + PWR

TE Part #2415795-1
MCIO 16X STR to 2XMCIO 8X STR

TE Part #2415796-1
MCIO 16X STR to 2XMCIO 8X STR

TE Part #2415816-1
MCIO 8X STR to MCIO 8X STR

TE Part #2415816-2
MCIO 8X STR to MCIO 8X STR

TE Part #2416263-1
OCP STR to MCIO 16X STR

TE Part #2454347-1
CA,PCIE CEM X16 TO SLIVER + PWR

TE Part #2418031-1
MCIO 8X STR to MCIO 8X STR

TE Part #2322080-9
MBXLE R/A RCPT 2P + 28S + 2P,HF

Documents

Product Drawings

CDFP RCPT CONNECTOR & CAGE STYLE 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2291931-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2291931-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2291931-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

CDFP Connector and Cage Assembly CN

CDFP CAGES,CONNECTORS & CABLE ASSEMBLIES

English

CDFP CAGES,CONNECTORS & CABLE ASSEMBLIES

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English