

2291931-1 ✓ ACTIVE



CDFP

TE Internal #: 2291931-1

CDFP, Cage Assembly with Integrated Connector, 1 Port, Data Rate (Max) 400 Gb/s, Elastomeric Gasket, Cable-to-Board, 60 Position, CDFP

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > CDFP > CDFP Cage Assemblies



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

Number of Ports: **1**

Data Rate (Max): **400 Gb/s**

EMI Containment Feature Type: **Elastomeric Gasket**

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

[All CDFP Cage Assemblies \(3\)](#)

Features

Product Type Features

Form Factor	CDFP Style 1
Cage Type	Single
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Single Port
Number of Ports	1
Number of Positions	60

Electrical Characteristics

Data Rate (Max)	400 Gb/s
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Body Features

Cage Plating Material	Nickel
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Contact Features

Contact Base Material	Phosphor Bronze
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Termination Features

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

PCB Mounting Style	Single-Sided
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Connector Mounting Type	Board Mount
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Housing Features

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

Product Length	54.3 mm[2.139 in]
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Usage Conditions

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

Circuit Application	Signal
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Other

EMI Containment Feature Type	Elastomeric Gasket
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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



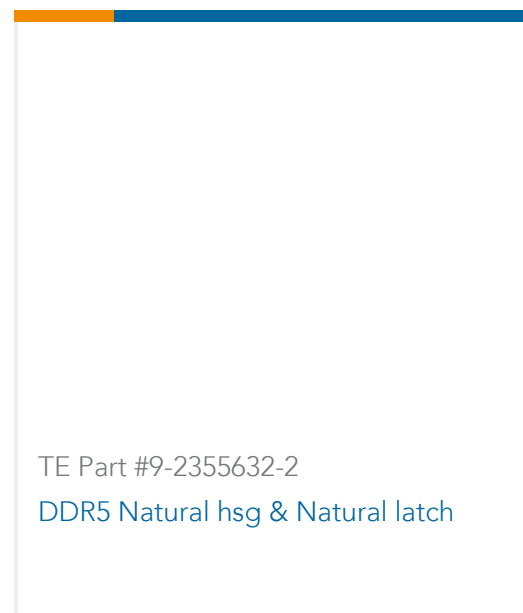
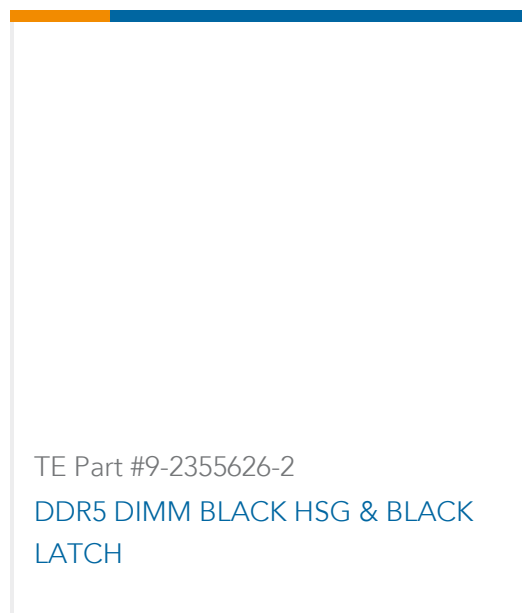
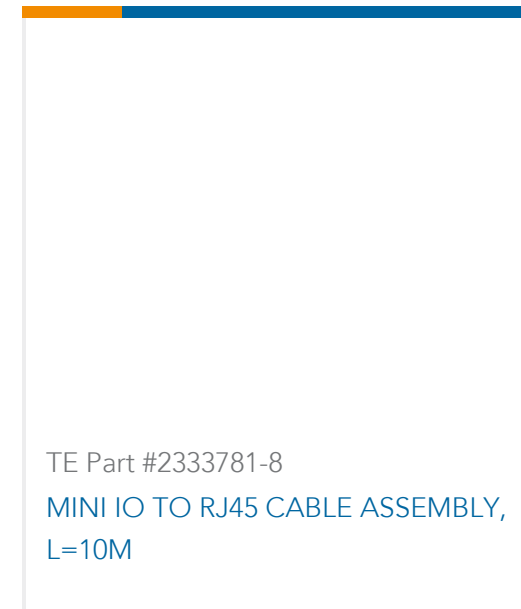
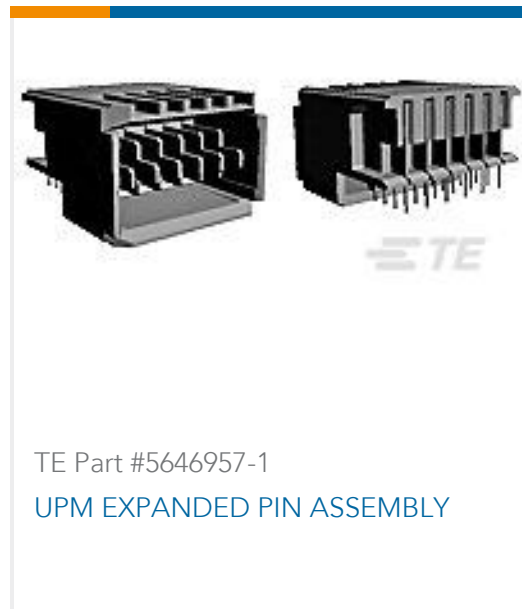
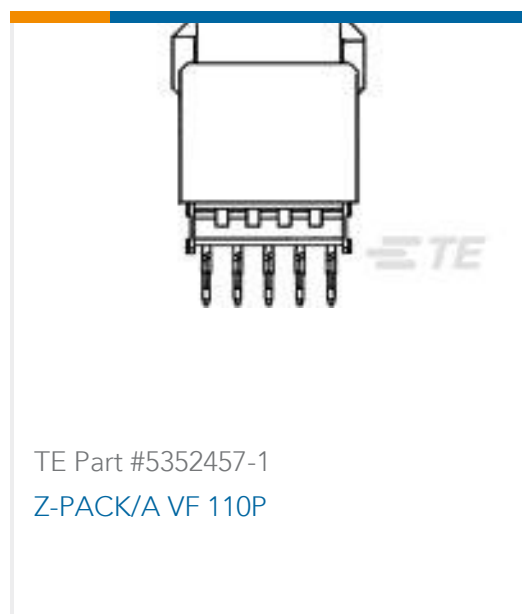
TE Part # 2347274-5
CDFP style 1, PCIe Gen 4, 2.5M

Also in the Series | CDFP



CDFP(3)

Customers Also Bought



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

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English