



CDFP

TE Internal #: 2291931-1

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

[View on TE.com >](#)

Connectors > High Speed 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 \(1\)](#)

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
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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 PCB	Through Hole - Press-Fit
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Mechanical Attachment

PCB Mounting Style	Single-Sided
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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

Included Lightpipe	No
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EMI Containment Feature Type	Elastomeric Gasket
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Product Compliance

[For compliance documentation, visit the product page on 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 2347274-2
CDFP style 1, PCIe Gen 4, 1M



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



TE Part # 2-2347274-1
CDFP style 1, PCIe Gen 4, 0.5M, 32AWG



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



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



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

Also in the Series | CDFP



CDFP(1)



High Speed Pluggable IO Connectors & Cages(1)

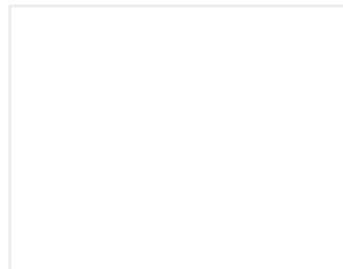
Customers Also Bought



TE Part #2170806-1
CAGE ASSEMBLY, 1X2, QSFP28,
SPRING, HS



TE Part #2294417-1
INDUSTRIAL MINI I/O HDR TYPE I
EMBOSS



TE Part #2-2328461-1
280 POS., CONNECTOR ASSEMBLY,
SLIVER 2.0



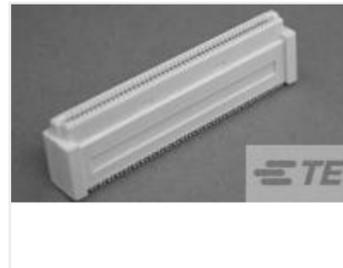
TE Part #1-2379397-7
MCIO INTERGRATED CONN, V/T, 8X,
SMT TYPE



TE Part #1-2381578-7
MCIO INTERGRATED CONN, V/T,
124P SMT TYPE



TE Part #2405569-2
LGA4710 BACKPLATE ASSY, LONG
STUD



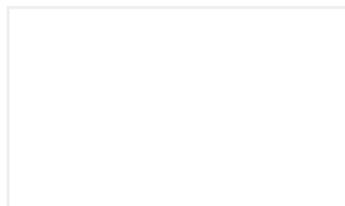
TE Part #5084618-2
0.8FH, R13H.5, 0.60, 30/Sn, TR, SC



TE Part #5353999-2
0.8FH, R05H.5, 0.60, 30/Sn, TR, SC



TE Part #6123001-1
0.8FH, P08H.5, 0.40, 30/Sn, TR, SC



TE Part #2834471-2
2 PINS SHORTER, 2.54MM, WITHOUT
COVER

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