



CDFP

TE Internal #: 2311882-1

CDFP, Cage Assembly with Integrated Connector, 1 Port, Data Rate (Max) 400 Gb/s, Internal/External EMI Springs, .029 in [.75 mm] Centerline, 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: **Internal/External EMI Springs**

Centerline (Pitch): **.75 mm [ .029 in ]**

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

**Features**

**Product Type Features**

Form Factor	CDFP Style 2
Cage Type	Single
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Port Configuration	Single Port
Number of Ports	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 Printed Circuit Board	Through Hole - Press-Fit
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### Mechanical Attachment

PCB Mounting Style	Single-Sided
Connector Mounting Type	Board Mount

### Housing Features

Cage Material	Zinc Alloy
Centerline (Pitch)	.75 mm[.029 in]

### Dimensions

Product Length	71.3 mm[2.807 in]
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### Operation/Application

Circuit Application	Signal
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### Other

EMI Containment Feature Type	Internal/External EMI Springs
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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 2023 (235) Candidate List Declared Against: JUL 2021 (219) 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>

## Also in the Series | CDFP



CDFP(3)

## Customers Also Bought

TE Part #206070-8  
CABLE CLAMP KIT #17TE Part #DT04-2P  
REC, 2P, GRY, NTE Part #DT06-2S  
PLG, 2P, GRY, NTE Part #W2P  
Wedgelocks: DEUTSCH DTTE Part #0462-201-16141  
DEUTSCH Solid ContactsTE Part #282080-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSINGTE Part #281934-2  
SINGLE WIRE SEAL

## Documents

### Product Drawings

RCPT SUBASSEMBLY, CDFP FOR PCIE

English

### CAD Files

3D PDF

3D



**Customer View Model**

[ENG\\_CVM\\_CVM\\_2311882-1\\_1.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2311882-1\\_1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2311882-1\\_1.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Instruction Sheets**

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

English