



CDFP

TE Internal #: 2311882-1

TE Internal Description: RCPT SUBASSEMBLY, CDFP FOR PCIE

CDFP Cage Assemblies

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Connectors > Pluggable IO Connectors & Cages > CDFP Cage Assemblies



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

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

Sealable: **Yes**

Circuit Application: **Signal**

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

[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 2                            |

Configuration Features

|                           |       |
|---------------------------|-------|
| 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 PCB | Through Hole - Press-Fit |
|---------------------------|--------------------------|

Mechanical Attachment

|                    |              |
|--------------------|--------------|
| PCB Mounting Style | Single-Sided |
|--------------------|--------------|

Housing Features

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

Dimensions

|                |                   |
|----------------|-------------------|
| Product Length | 71.3 mm[2.807 in] |
|----------------|-------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Other

|                              |                               |
|------------------------------|-------------------------------|
| Included Lightpipe           | No                            |
| EMI Containment Feature Type | Internal/External EMI Springs |

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 2025 (250)<br>Candidate List Declared Against: JUL 2021 (219)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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



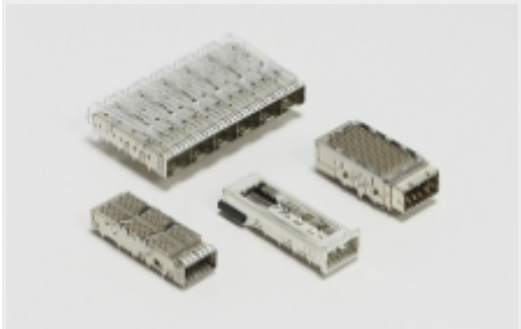
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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(1)



Pluggable IO Connectors & Cages(1)

Customers Also Bought



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



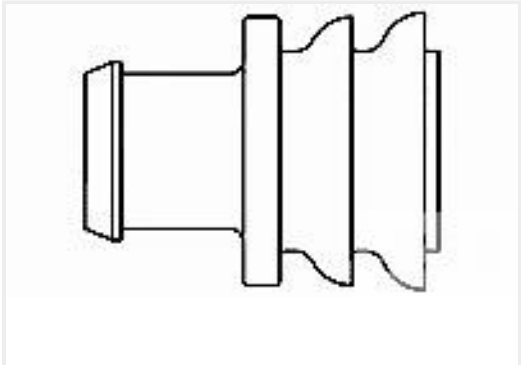
TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English