



TE Internal #: 2287076-2
CFP2, Cage Assembly, Signal, Operating Temperature Range -55 - 85 °C, Data Rate (Max) 56 Gb/s, 2 Ports, Port Matrix Configuration 1 x 2
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Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly**
Sealable: **No**
Circuit Application: **Signal**
Operating Temperature Range: **-55 - 85 °C**
Data Rate (Max): **56 Gb/s**

Features

Product Type Features

| | |
|----------------------------|---------------|
| Cage Type | Ganged |
| Pluggable I/O Product Type | Cage Assembly |
| Sealable | No |
| Form Factor | CFP2 |

Configuration Features

| | |
|---------------------------|-------|
| Number of Ports | 2 |
| Port Matrix Configuration | 1 x 2 |

Electrical Characteristics

| | |
|-----------------|---------|
| Data Rate (Max) | 56 Gb/s |
|-----------------|---------|

Body Features

| | |
|----------------------------------|----------------|
| Primary Product Plating Material | Nickel |
| Primary Product Material | Aluminum Alloy |

Contact Features

| | |
|------------------------------|------|
| Contact Current Rating (Max) | .5 A |
|------------------------------|------|



Termination Features

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

Dimensions

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|-----------------------------|---------------|
| PCB Thickness (Recommended) | 3 mm[.118 in] |
| Product Width | 87.84 mm |
| Product Length | 93.2 mm |

Usage Conditions

| | |
|-----------------------------|-------------|
| Operating Temperature Range | -55 - 85 °C |
|-----------------------------|-------------|

Operation/Application

| | |
|----------------------|--------|
| Heat Sink Compatible | Yes |
| Circuit Application | Signal |

Packaging Features

| | |
|------------------|------------|
| Packaging Method | Box & Tray |
|------------------|------------|

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: 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 # 2274845-1
CFP2 RECEPTACLE ASSEMBLY




TE Part # 2288221-1
CFP2 EMI/DUST PLUG


Customers Also Bought




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




TE Part # W2S
Wedgelocks: DEUTSCH DT



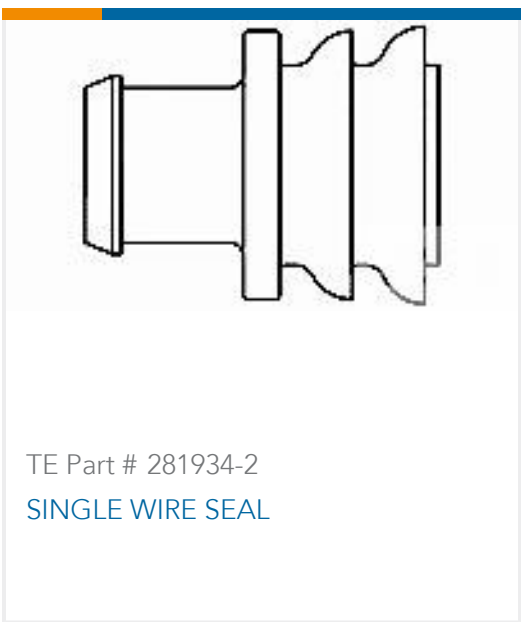
TE Part # 0460-202-16141
DEUTSCH Solid Contacts




TE Part # 282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



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



TE Part # 281934-2
SINGLE WIRE SEAL



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

Documents

Product Drawings
CFP2 CAGE ASSEMBLY, 1X2
English

CAD Files
3D PDF
3D
Customer View Model



[ENG_CVM_CVM_2287076-2_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2287076-2_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2287076-2_1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English