

2382492-2 ACTIVE

TE Internal #: 2382492-2

QSFP-DD, Cage Assembly, High Speed Data, Operating

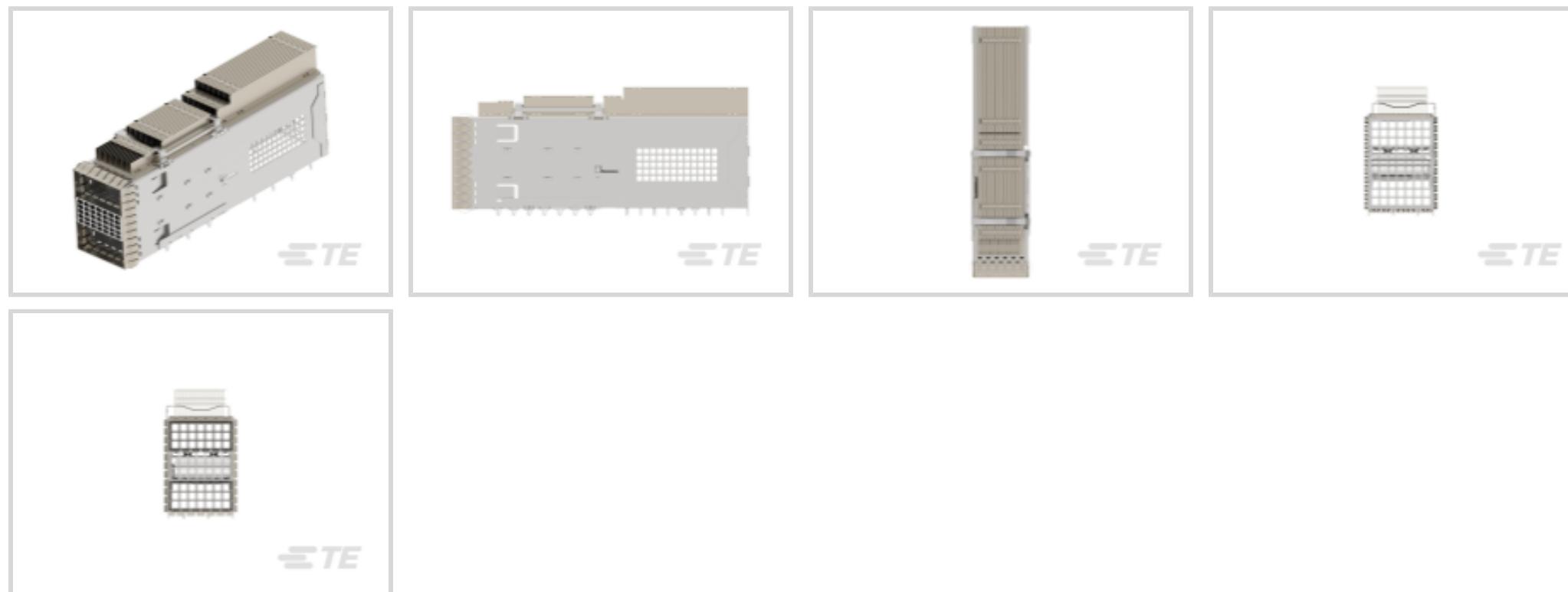
Temperature Range -55 – 65 °C [-67 – 149 °F], Data Rate (Max) 112

Gb/s

[View on TE.com >](#)



Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly**

Sealable: **No**

Circuit Application: **High Speed Data**

Operating Temperature Range: **-55 – 65 °C [-67 – 149 °F]**

Data Rate (Max): **112 Gb/s**

Features

Product Type Features

| | |
|---------------------------------|---------------|
| Cage Type | Stacked |
| Thermal Accessory Type Included | Heat Sink |
| Pluggable I/O Product Type | Cage Assembly |
| Sealable | No |
| Form Factor | QSFP-DD |

Configuration Features

| | |
|-------------------------------------|-------|
| Number of Rear EONs per Port Column | 2 |
| Port Matrix Configuration | 2 x 1 |

Electrical Characteristics

| | |
|-----------------|----------|
| Data Rate (Max) | 112 Gb/s |
|-----------------|----------|

Body Features

| | |
|------------------------|--------|
| Heat Sink Style | Fin |
| Heat Sink Finish | Nickel |
| Heat Sink Height Class | Custom |

Termination Features

Termination Method to PCB

Through Hole - Press-Fit

Housing Features

Cage Material

Stainless Steel

Usage Conditions

Operating Temperature Range

-55 – 65 °C [-67 – 149 °F]

Operation/Application

Pluggable I/O Applications

QSFP DD

Circuit Application

High Speed Data

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Tray/Box

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

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)

Candidate List Declared Against: JUNE 2025 (250)

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 reviewed 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>

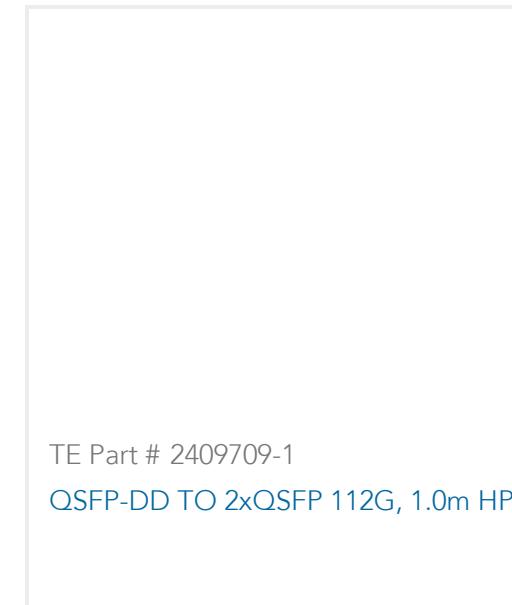
Compatible Parts



TE Part # 2409709-2
QSFP-DD TO 2xQSFP 112G, 28AWG
1.5m HPE



TE Part # 2392899-1
RCPT CONN STACKED QSFP DD 112

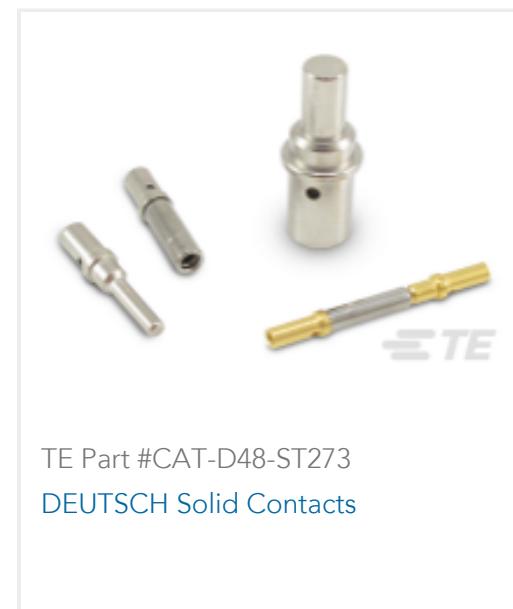


TE Part # 2409709-1
QSFP-DD TO 2xQSFP 112G, 1.0m HPE

Customers Also Bought



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



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



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



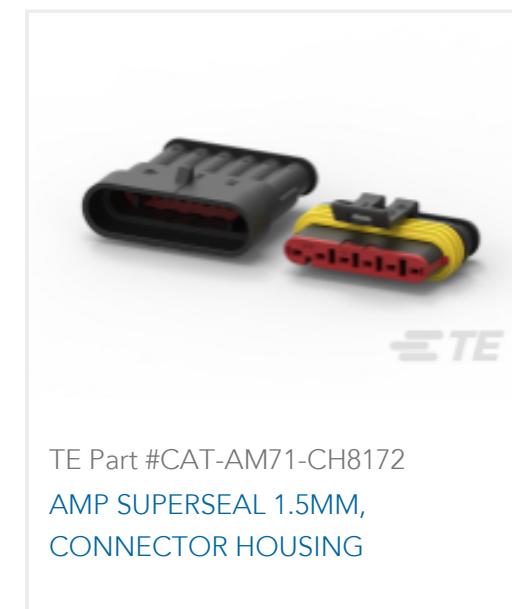
TE Part #DT04-2P
REC, 2P, GRY, N



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



TE Part #281934-2
SINGLE WIRE SEAL



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

Documents

Product Drawings

[CAGE ASSY W HEAT SINK, 2X1, QSFP DD 112](#)

English