

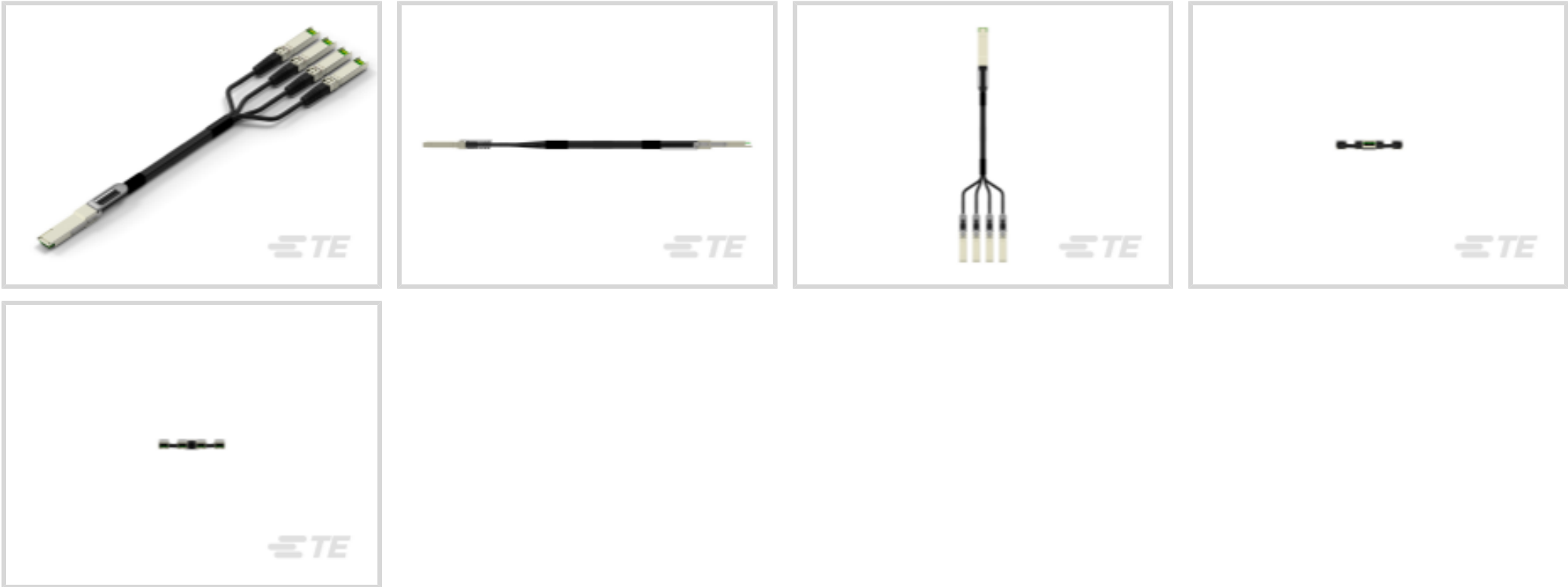


QSFP56

TE Internal #: 4-2334236-4  
QSFP56 to SFP+ Cable Assembly, 16 Positions, 2 m [6.56 ft], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP56 Plug End A, SFP+ Plug End B

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Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP56-Four SFP56 Cable Assembly: 30 AWG



Cable Assembly Type: **QSFP56 to SFP+**  
Number of Positions: **16**  
Cable Assembly Length: **2 m [ 6.56 ft ]**  
Data Rate: **56 Gb/s**  
Cable Color: **Black**

[All QSFP56-Four SFP56 Cable Assembly: 30 AWG \(4\)](#)

Features

Product Type Features

|                         |                                    |
|-------------------------|------------------------------------|
| Cable Assembly Category | High Speed, Industry Standard      |
| Cable Assembly Type     | QSFP56 to SFP+                     |
| Cable Style             | Madison TurboTwin - Round Jacketed |
| Cable Assembly (End A)  | QSFP56 Plug                        |
| Cable Assembly (End B)  | SFP+ Plug                          |

Configuration Features

|                            |    |
|----------------------------|----|
| Number of Positions        | 16 |
| Number of Pairs            | 8  |
| Number of Signal Positions | 16 |

Electrical Characteristics

|           |       |
|-----------|-------|
| Impedance | 100 Ω |
|-----------|-------|

Signal Characteristics

|  |  |
|--|--|
|  |  |
|--|--|



|           |         |
|-----------|---------|
| Data Rate | 56 Gb/s |
|-----------|---------|

Body Features

|                           |       |
|---------------------------|-------|
| Cable Color               | Black |
| Equalized                 | No    |
| Cable Flammability Rating | CL2   |

Dimensions

|                        |                  |
|------------------------|------------------|
| Wire Size              | .051 mm²         |
| Outside Cable Diameter | 4.37 mm[.172 in] |

Operation/Application

|              |     |
|--------------|-----|
| Shielded     | Yes |
| Halogen Free | No  |

Other

|                       |              |
|-----------------------|--------------|
| Cable Assembly Length | 2 m[6.56 ft] |
|-----------------------|--------------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                                             |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>MCCP (1.8% in Component part)<br><b>Article Safe Usage Statements:</b><br>Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                                                                                                                                                                                                                                                                                                                                        |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                                                                                                                                                                                                                                                                                                                                          |

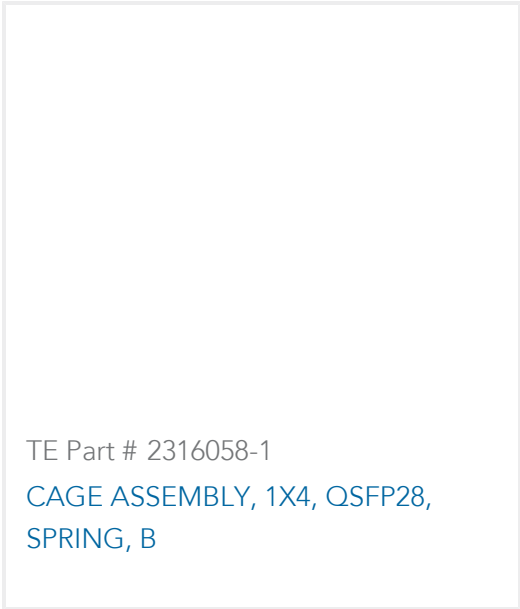
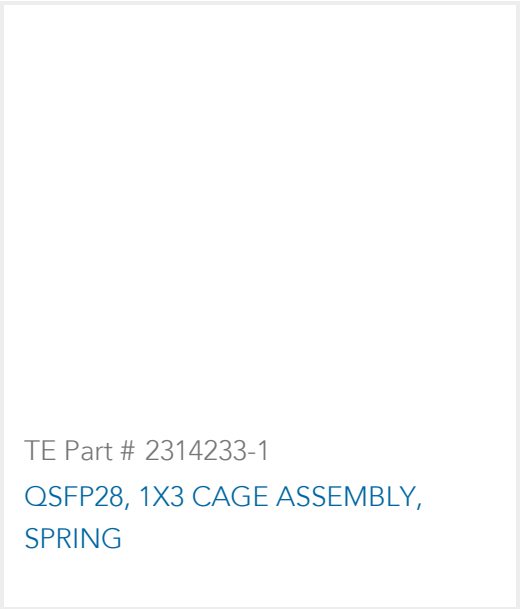
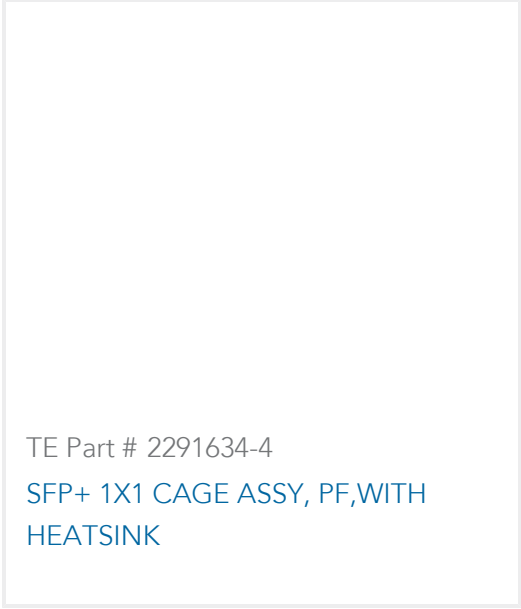
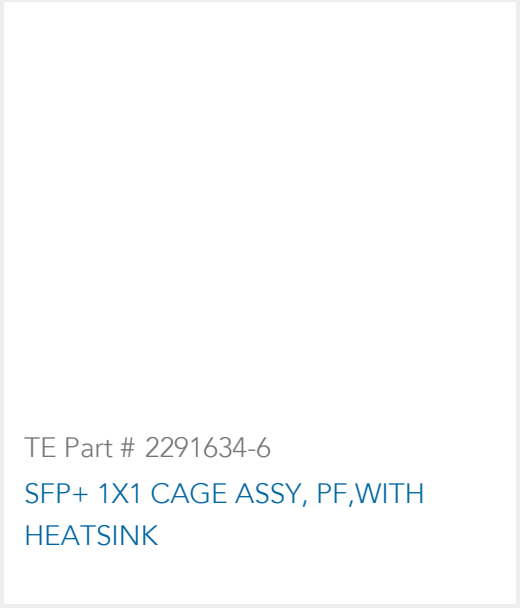
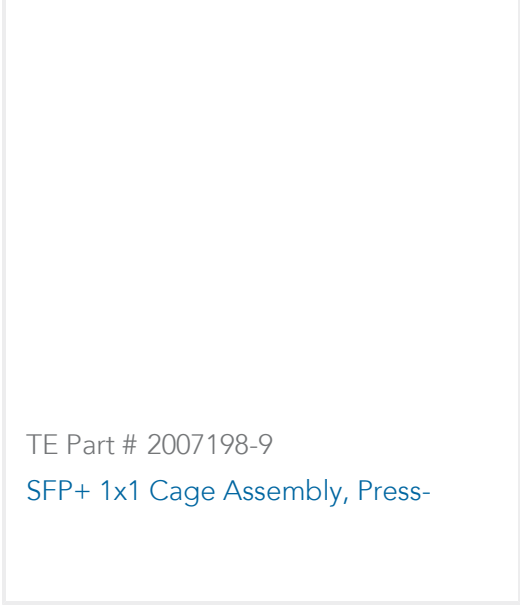
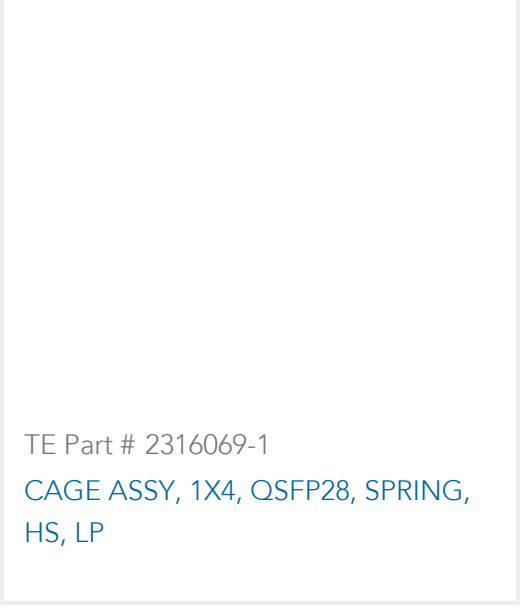
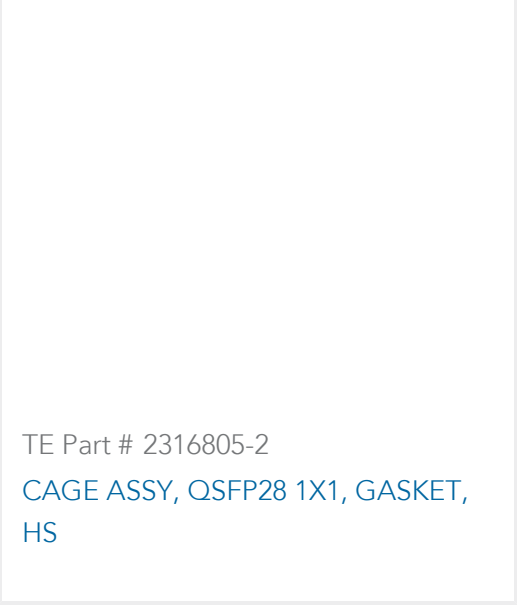
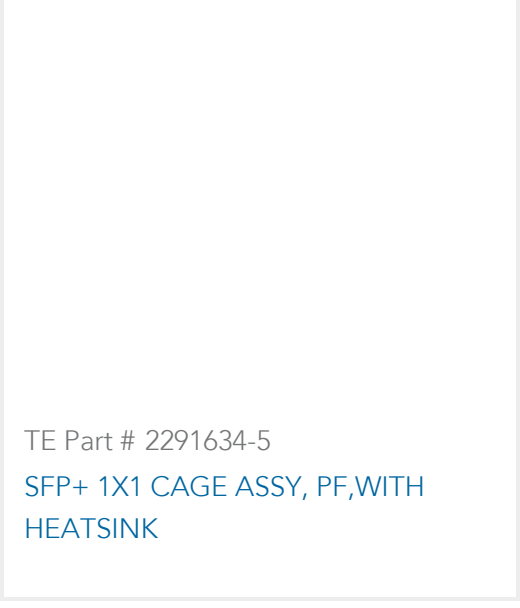
Product Compliance Disclaimer

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

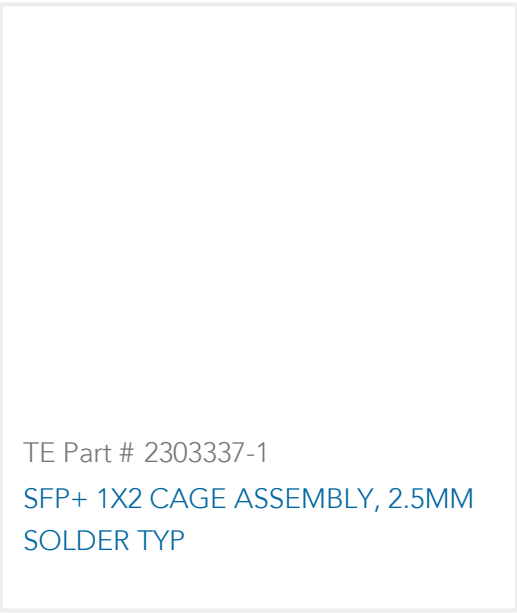


materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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

|                                                                                                                                                             |                                                                                                                                                              |                                                                                                                                                             |                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2316058-1<br/>CAGE ASSEMBLY, 1X4, QSFP28, SPRING, B</p>     |  <p>TE Part # 2007262-2<br/>SFP+ 1x2 Cage Assembly, Light SPRING</p>      |  <p>TE Part # 2314233-1<br/>QSFP28, 1X3 CAGE ASSEMBLY, SPRING</p>       |  <p>TE Part # 2170139-1<br/>SFP+ 1x2 Cage Assembly,W/ Light Pipes</p>     |
|  <p>TE Part # 2007464-5<br/>SFP+ 1x1 Cage Assy, PF,with Heatsink</p>     |  <p>TE Part # 2291634-4<br/>SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK</p>     |  <p>TE Part # 2291634-6<br/>SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK</p>   |  <p>TE Part # 2170504-1<br/>SFP+ ,1X6,HEAT SINK,LIGHT,PIPE,EMI Sprin</p> |
|  <p>TE Part # 2007198-9<br/>SFP+ 1x1 Cage Assembly, Press-</p>           |  <p>TE Part # 2294667-5<br/>SFP+ 1X1 CAGE ASSEMBLY, SOLDER TAIL</p>      |  <p>TE Part # 2316069-1<br/>CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP</p> |  <p>TE Part # 2316805-2<br/>CAGE ASSY, QSFP28 1X1, GASKET, HS</p>        |
|  <p>TE Part # 2297033-4<br/>ZSFP 1X1 CAGE ASSEMBLY PRESSFIT HEATSINK</p> |  <p>TE Part # 2297033-6<br/>ZSFP 1X1 CAGE ASSEMBLY PRESSFIT HEATSINK</p> |  <p>TE Part # 2291634-5<br/>SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK</p>   |  <p>TE Part # 2310520-1<br/>zSFP+ STACKED 2X1 RECEPTACLE ASSEMBLY</p>    |

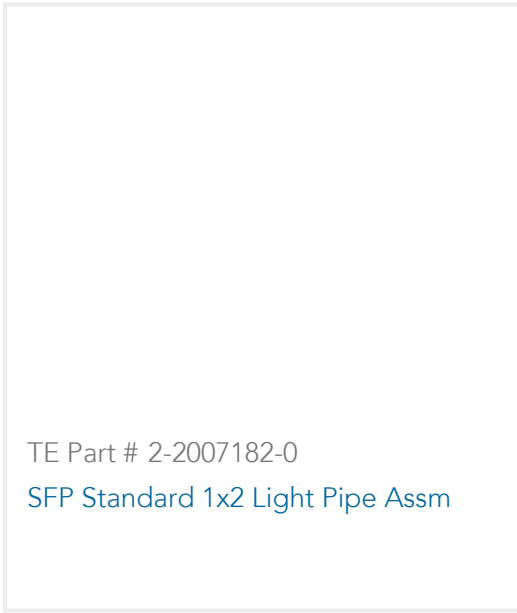




TE Part # 2303337-1  
SFP+ 1X2 CAGE ASSEMBLY, 2.5MM SOLDER TYP



TE Part # 2311430-1  
SFP+ 1x4 w/ Ultra Low Profile LP



TE Part # 2-2007182-0  
SFP Standard 1x2 Light Pipe Assm



TE Part # 2304369-1  
SFP+ 1X1 CAGE ASSY, PF, WITH HEATSINK

Also in the Series |

QSFP56



Pluggable I/O Cable Assemblies(49)

Customers Also Bought



TE Part #CAT-C339-R529C  
Thick Film Resistor: Current Sense



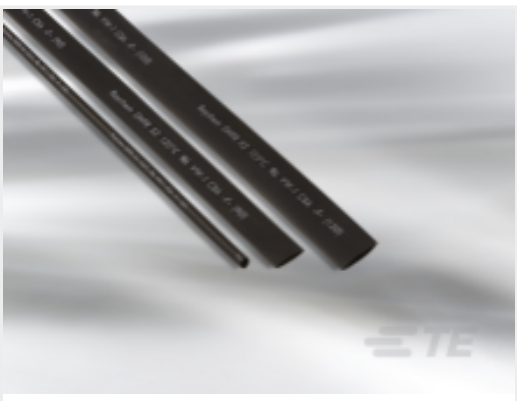
TE Part #1981584-1  
MICRO USB, TYPE A/B, GRAY



TE Part #4-2334236-2  
QSFP TO [4]SFP 56GIG 30AWG 1 METER



TE Part #4-2334878-6  
QSFP TO [4]SFP 56GIG 26AWG 3 METER



TE Part #EM7499-000  
X4-0.8-0-SP-SM

Documents

Product Drawings

QSFP TO [4]SFP 56GIG 30AWG 2 METER

English

CAD Files

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_4-2334236-4\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2334236-4\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2334236-4\\_A.3d\\_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

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