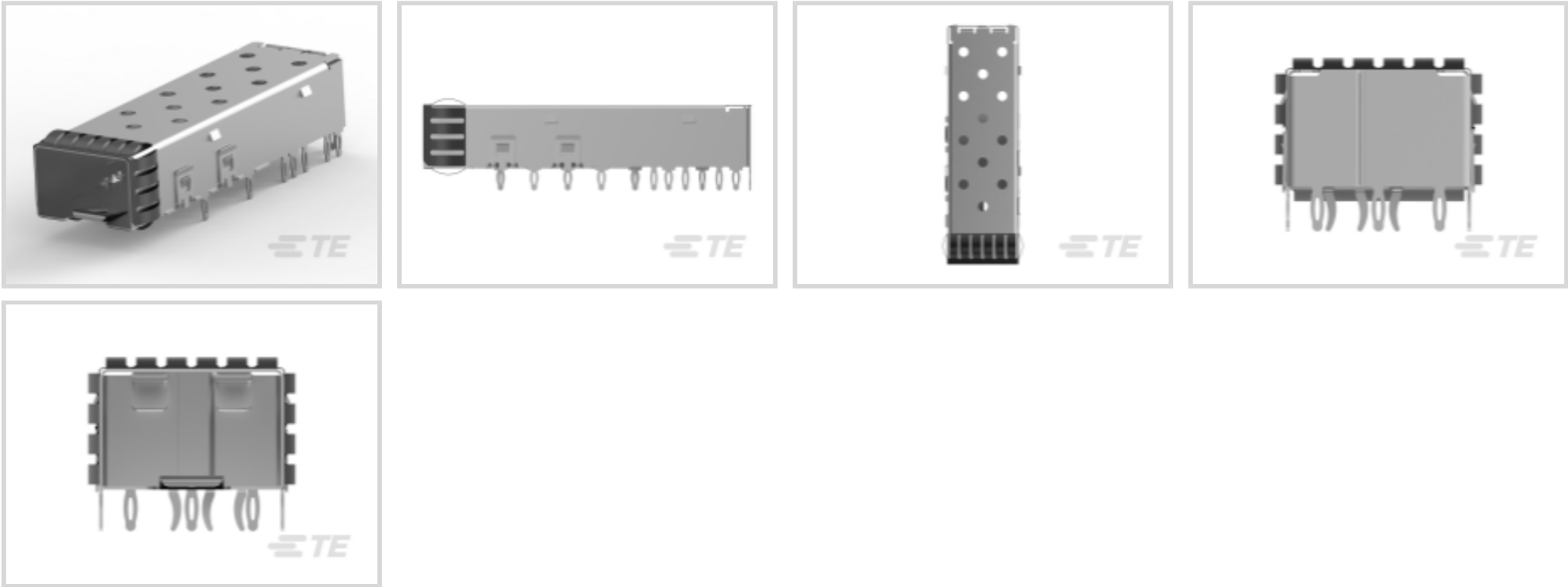




Connectors > Pluggable IO Connectors & Cages



Form Factor: **SFP+**

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

Sealable: **No**

Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Data Rate (Max): **16 Gb/s**

Features

Product Type Features

|                            |        |
|----------------------------|--------|
| Cage Type                  | Single |
| Form Factor                | SFP+   |
| Pluggable I/O Product Type | Cage   |
| Sealable                   | No     |

Configuration Features

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

Electrical Characteristics

|                 |         |
|-----------------|---------|
| Data Rate (Max) | 16 Gb/s |
|-----------------|---------|

Termination Features

|                                |                          |
|--------------------------------|--------------------------|
| Termination Method to PCB      | Through Hole - Press-Fit |
| Termination Post & Tail Length | 2.05 mm[.081 in]         |

Housing Features

|               |               |
|---------------|---------------|
| Cage Material | Nickel Silver |
|---------------|---------------|

Dimensions



|                             |                 |
|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.5 mm[.059 in] |
|-----------------------------|-----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                            |      |
|----------------------------|------|
| Pluggable I/O Applications | SFP+ |
| Heat Sink Compatible       | No   |

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | 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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

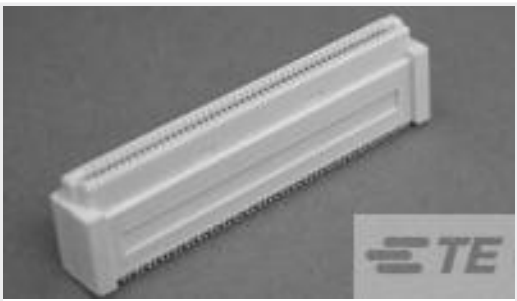
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>



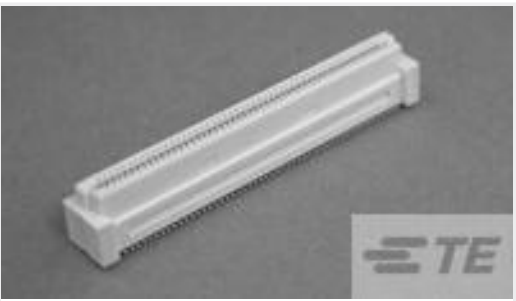
Compatible Parts

|                                                                                                                                                                  |                                                                                                                                                                   |                                                                                                                                                                     |                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-C11-H5062<br/>SFP+ to SFP+ I/O Cable Assembly: 28 AWG</p>     |  <p>TE Part # 2334985-2<br/>SFP28 DIRECT ATTACH CA, 1M, 32AWG</p>               |  <p>TE Part # 2142970-4<br/>CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M</p>           |  <p>TE Part # 2142970-2<br/>CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M</p>     |
|  <p>TE Part # CAT-C11-N49011<br/>SFP28 to SFP28 Cable Assembly: 26 AWG</p>     |  <p>TE Part # 4-2821224-5<br/>SFP56 DIRECT ATTACH CA, 3M, 26AWG</p>            |  <p>TE Part # CAT-Q17-N49011<br/>QSFP56-Four SFP56 Cable Assembly: 30 AWG</p>   |  <p>TE Part # 2142970-3<br/>CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M</p>    |
|  <p>TE Part # CAT-C11-N490333<br/>QSFP28-Four SFP+ Cable Assembly: 30 AWG</p> |  <p>TE Part # CAT-C11-N490325<br/>QSFP28-Four SFP+ Cable Assembly: 26 AWG</p> |  <p>TE Part # CAT-Q17-N490333<br/>QSFP56-Four SFP56 Cable Assembly: 26 AWG</p> |  <p>TE Part # 4-2821222-5<br/>SFP56 DIRECT ATTACH CA, 2M, 30AWG</p>      |
|  <p>TE Part # CAT-C11-N4901114<br/>SFP28 to SFP28 Cable Assembly: 30 AWG</p>  |  <p>TE Part # 2142970-7<br/>CABLE ASSY, MICRO SFP+ TO STD SFP+, 6M</p>        |  <p>TE Part # CAT-C11-H506<br/>SFP+ to SFP+ I/O Cable Assembly: 26 AWG</p>     |  <p>TE Part # 2821033-8<br/>QSFP TO [4]SFP+, 28G, 1M, 33AWG</p>          |
|  <p>TE Part # 2142970-6<br/>CABLE ASSY, MICRO SFP+ TO STD SFP+, 5M</p>        |  <p>TE Part # 2142970-5<br/>CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M</p>        |  <p>TE Part # CAT-C11-H50626<br/>SFP+ to SFP+ I/O Cable Assembly: 30 AWG</p>   |  <p>TE Part # 2142970-1<br/>CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M</p> |

Customers Also Bought



TE Part #5084618-1  
0.8FH,R13H.5,040,30/Sn,TR,SC



TE Part #7-5179180-3  
0.8FH,R09H.5,080,30/Sn,TR,SC



TE Part #2178531-4  
Crown Clip Junior AG Plating Reflow



TE Part #2204167-1  
MBXLE R/A RCPT,A/C PASS THRU 4ACP+12S+3P



TE Part #1735610-1  
ASSY, SAS PLUG, SMT, 15+7+7P



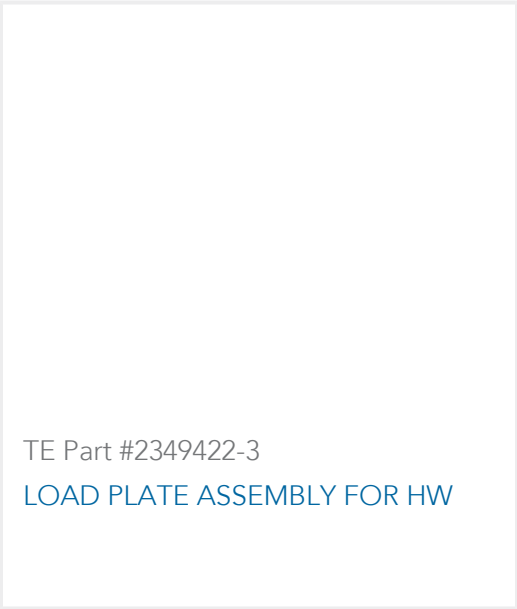
TE Part #2-2351050-5  
LGA4677 TFLM ASSY,W/ COVER



TE Part #2143154-2  
IMP100S,H,V5P14C,LG,REW39,4.9



TE Part #3-2323270-1  
zSFP+ STACKED BELLY TO BELLY, 2X8 RECPT



TE Part #2349422-3  
LOAD PLATE ASSEMBLY FOR HW



TE Part #2169802-4  
IMP,Power,4PR,R/A,Hdr,5.7,6.9Tin

Documents

Product Drawings

SFP+ 1x1 Cage Assy, Press-Fit, 20 Pin

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2057159-1\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2057159-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2057159-1\_B.3d\_stp.zip

English

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Product Specifications



Application Specification

English