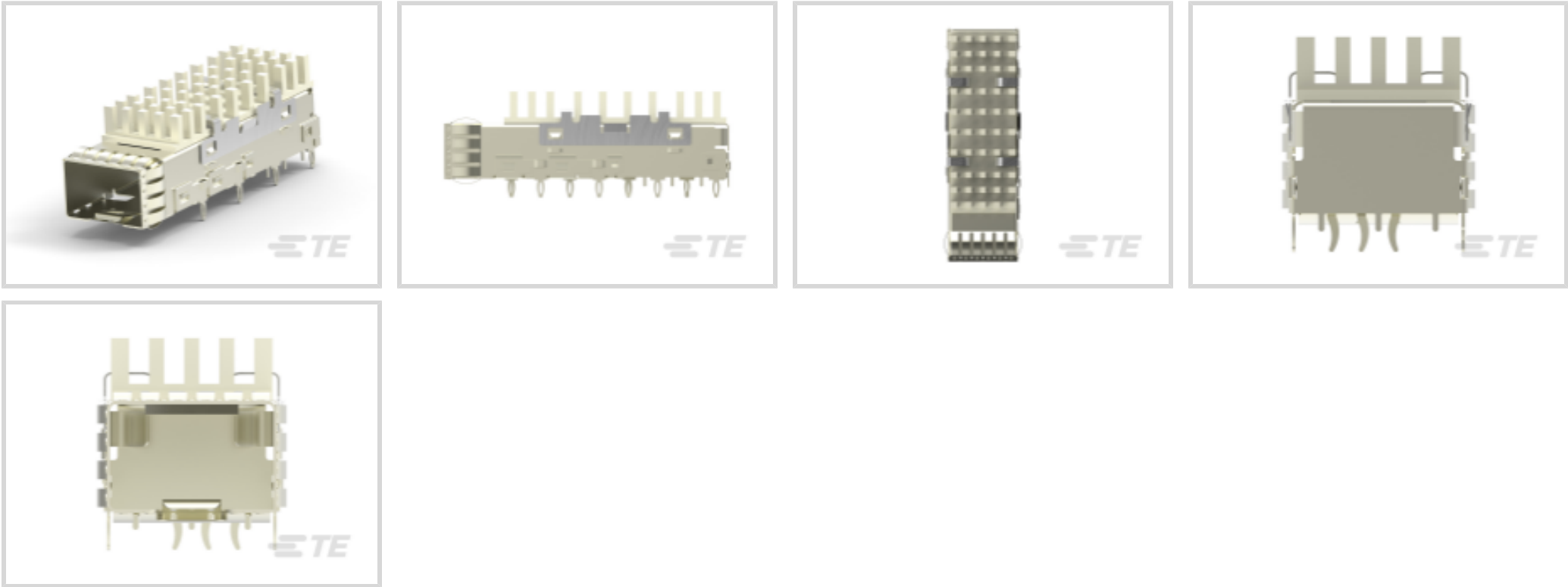




Connectors > Pluggable IO Connectors & Cages



Form Factor: **SFP+**

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

Sealable: **No**

Circuit Application: **Signal**

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

Features

Product Type Features

Cage Type	Single
Thermal Accessory Type Included	Heat Sink
Form Factor	SFP+
Pluggable I/O Product Type	Cage Assembly
Sealable	No

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Body Features

Heat Sink Style	Fin
	.255 in
Heat Sink Height Class	SAN

Termination Features



Termination Method to PCB	Through Hole - Press-Fit
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Housing Features

Cage Material	Copper Alloy
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Pluggable I/O Applications	SFP+
Heat Sink Compatible	Yes
Circuit Application	Signal

Packaging Features

Packaging Method	Tray
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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) Candidate List Declared Against: JUNE 2024 (241) 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-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG</p>	 <p>TE Part # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG</p>	 <p>TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG</p>
 <p>TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG</p>	 <p>TE Part # 2821033-8 QSFP TO [4]SFP+, 28G, 1M, 33AWG</p>	 <p>TE Part # 2215087-4 KIT, SEATING TOOL, 1X1 SFP+</p>	 <p>TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG</p>
 <p>TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG</p>	 <p>TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG</p>	 <p>TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG</p>	 <p>TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG</p>

Customers Also Bought

 <p>TE Part #4-2176452-2 CPF 0201 1K43 0.1% 25ppm 1K RL</p>	 <p>TE Part #1888247-1 20 POS SMT CONN, SFP/SFP+, 30A</p>	 <p>TE Part #9-2176451-2 CPF 0201 442R 0.1% 25ppm 1K RL</p>	 <p>TE Part #2-2176453-6 CPF 0201 10K5 0.1% 25ppm 1K RL</p>
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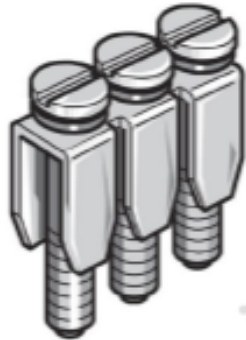
TE Part #7-2176452-5  
CPF 0201 3K16 0.1% 25ppm 1K RL



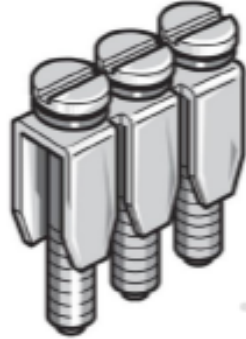
TE Part #6-1761614-0  
STEP-Z PLUG 10MM 200P LF ST



TE Part #6-2176453-9  
CPF 0201 29K4 0.1% 25ppm 1K RL



TE Part #1SNA176274R0200  
BJM5-3



TE Part #1SNA176273R0100  
BJM5

TE Part #2304670-2  
zSFP+ 1x4 Cage Assembly, Press-Fit

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2291634-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2291634-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2291634-2\_A.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