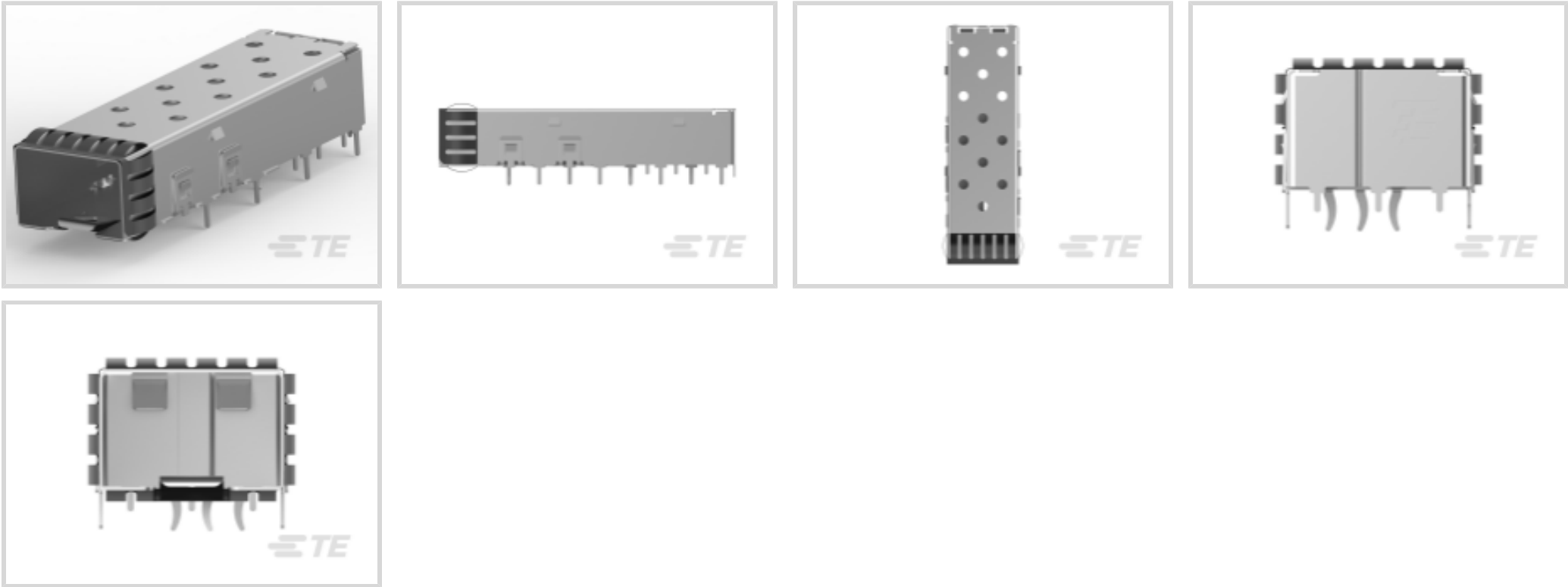




Connectors > Pluggable IO Connectors & Cages



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
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Contact Features

Tail Plating Material	Tin
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Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.8 mm[.11 in]

Housing Features



Cage Material	Nickel Silver
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Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
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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	No

Packaging Features

Packaging Method	Package
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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: JAN 2025 (247) 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	Reflow solder capable to 260°C

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



TE Part # 2142970-4
CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M



TE Part # 2142970-2
CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M

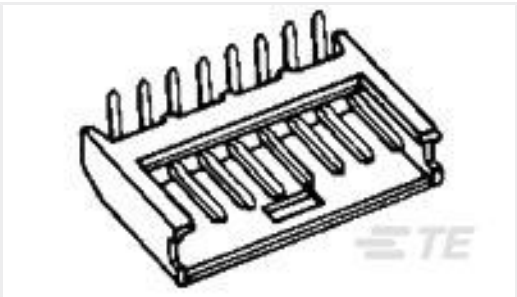


TE Part # CAT-C11-N49011
SFP28 to SFP28 Cable Assembly: 26 AWG



TE Part # 4-2821224-5
SFP56 DIRECT ATTACH CA, 3M, 26AWG

Customers Also Bought



TE Part #280379-2
6P MODU II SHRD HDR, RT ANG, 0.38 AU



TE Part #1888247-1
20 POS SMT CONN, SFP/SFP+, 30A



TE Part #2301994-7
RJ45 JACK INT.MAG. 1GB 1X1



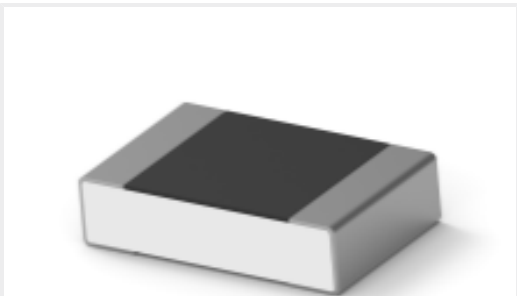
TE Part #T4030014041-000
M8.MLE.PNLREAR.4POS.STR.



TE Part #7-1625868-7
RP 2A 0.25W 33R2 0.1% 25PPM 1K RL



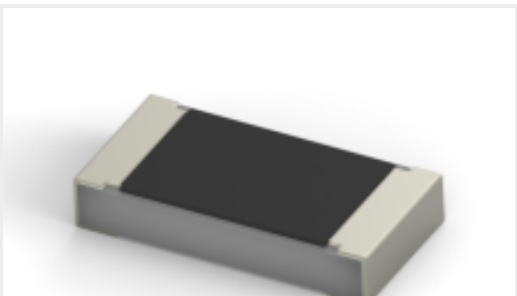
TE Part #1-2176378-0
RQ 0805 12R4 0.1% 10PPM 5K RL



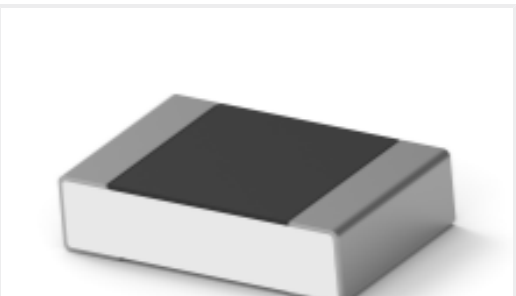
TE Part #2176379-3
RQ 0805 113R 0.1% 10PPM 5K RL



TE Part #1761987-9
ReceptacleConnAssm38PosTape/Re



TE Part #4-1614958-0
CPF 0805 2R49 0.1% 25ppm 1K RL



TE Part #5-2176378-6
RQ 0805 37R4 0.1% 10PPM 5K RL

Documents

- CAD Files
- Customer View Model
- ENG_CVM_CVM_2110304-1_B.2d_dxf.zip
- English
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_2110304-1_B.3d_igs.zip
- English



Customer View Model

[ENG_CVM_CVM_2110304-1_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[4-1773455-3 - Quick Reference Guide SFP+ Solutions](#)

English