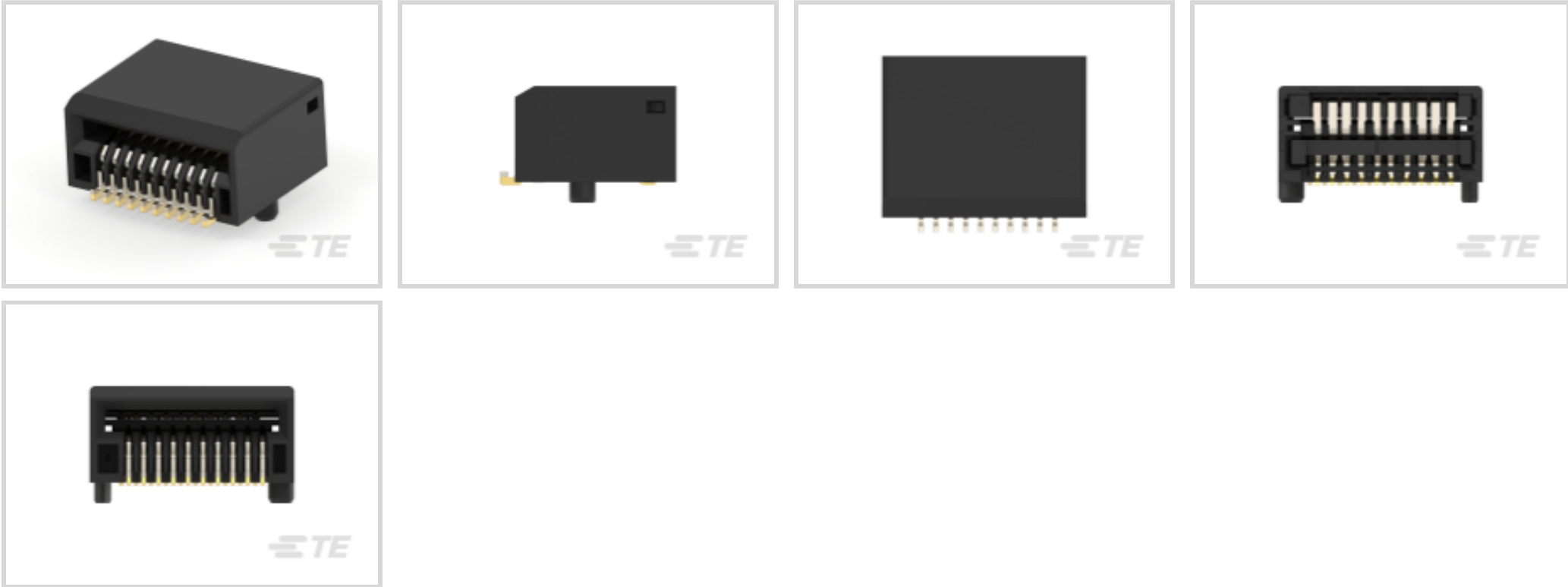




Connectors > Pluggable IO Connectors & Cages > SFP, SFP+ & zSFP+



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

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

Pluggable I/O Applications: **SFP**

Lightpipe Options: **Not Optional**

Termination Method to Printed Circuit Board: **Surface Mount**

Features

Product Type Features

Pluggable I/O Product Type	Receptacle Assembly
Lightpipe Options	Not Optional
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	20
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Electrical Characteristics

Data Rate (Max)	112 Gb/s
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Contact Features

Tail Plating Material	Gold Flash
	30 µin
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel



PCB Contact Termination Area Plating Material	Gold
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Usage Conditions

Operating Temperature Range	-50 – 85 °C
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Operation/Application

Pluggable I/O Applications	SFP
Circuit Application	High Speed Data

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Reel
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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 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 # 2274001-1 ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT</p>	 <p>TE Part # 2297033-2 ZSFP 1X1 CAGE ASSEMBLY PRESSFIT HEATSINK</p>	 <p>TE Part # 2297033-4 ZSFP 1X1 CAGE ASSEMBLY PRESSFIT HEATSINK</p>	 <p>TE Part # 2297033-5 ZSFP 1X1 CAGE ASSEMBLY PRESSFIT HEATSINK</p>
 <p>TE Part # 2297033-6 ZSFP 1X1 CAGE ASSEMBLY PRESSFIT HEATSINK</p>	 <p>TE Part # 2274001-3 ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT</p>	 <p>TE Part # 2297033-1 ZSFP 1X1 CAGE ASSEMBLY PRESSFIT HEATSINK</p>	 <p>TE Part # 2297033-3 ZSFP 1X1 CAGE ASSEMBLY PRESSFIT HEATSINK</p>
 <p>TE Part # 2309976-6 ZSFP+ 1X4 CAGE ASSEMBLY, PRESSFIT, HS&LP</p>	 <p>TE Part # 2274001-4 ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT</p>	 <p>TE Part # 2274001-5 ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT</p>	 <p>TE Part # 2274001-6 ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT</p>

Customers Also Bought

 <p>TE Part #1-1734839-2 FPC CONN. 0.5MM PITCH T/C,12P</p>	 <p>TE Part #1734366-3 Std USB Type A, VT, T/H, Blue</p>	 <p>TE Part #2007464-1 SFP+ 1x1 Cage Assy, PF,with Heatsink</p>	 <p>TE Part #1857724-4 Shield Finger, Loose Piece</p>
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TE Part #103635-1
02 MTE HDR SRRA LATCH .100CL



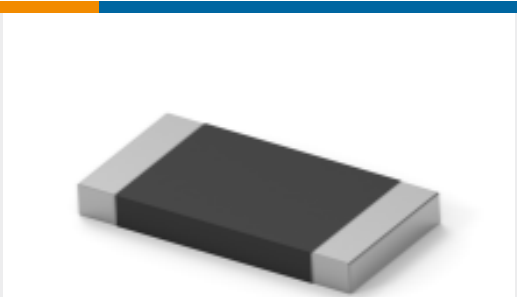
TE Part #4-1879350-9
RR01 5% 22R AMMO



TE Part #2342933-3
QSFP-DD 1X1, STANDARD, W/
EXTRUDED HS



TE Part #1717832-2
MINI PCI EXPRESS EMBOSS TAPE
LATCH



TE Part #2-2176421-2
TLRP 2512 2.0W R033 1% 25PPM 4K RL

Documents

Product Drawings

SFP112 RECEPTACLE CONNECTOR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2378765-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2378765-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2378765-1_1.3d_stp.zip

English

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

Product Specifications

Application Specification

English