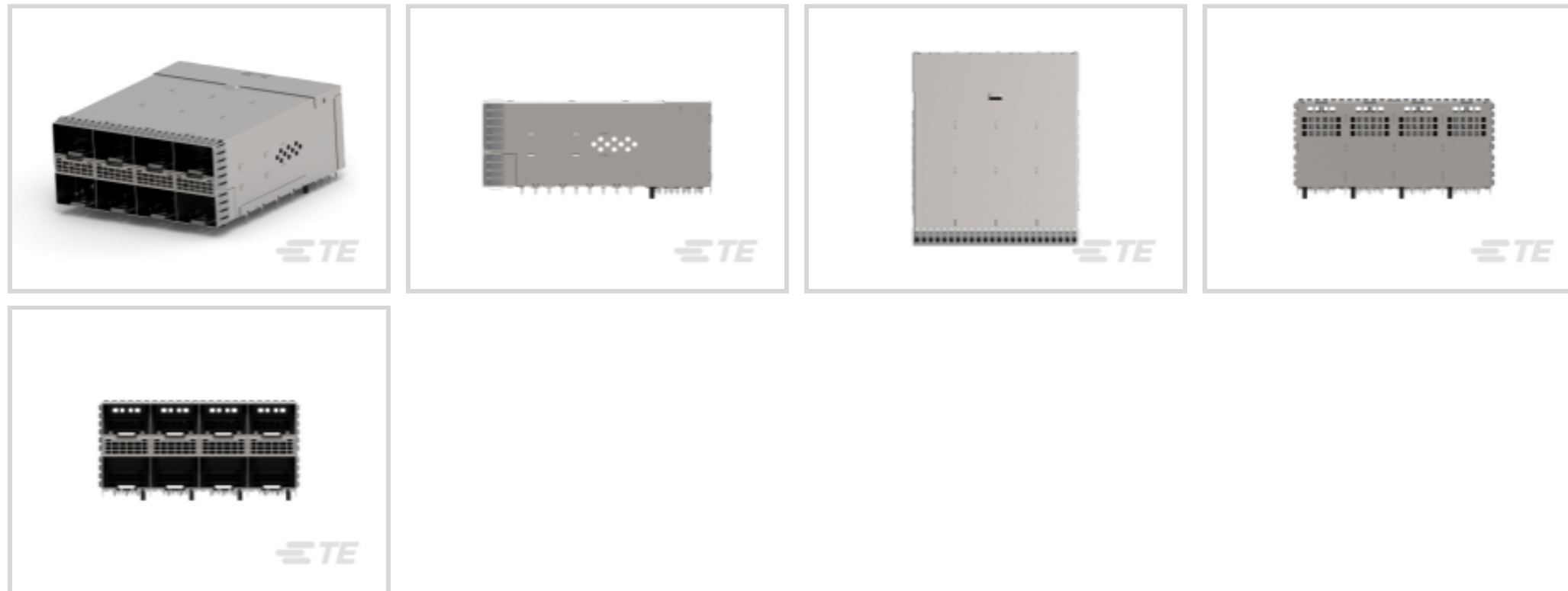




TE Internal #: 2357514-1
 SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector,
 Data Rate (Max) 28 Gb/s, Internal/External EMI Springs, SFP+
 Stacked Belly-to-Belly

[View on TE.com >](#)

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



Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Data Rate (Max): **28 Gb/s**

EMI Containment Feature Type: **Internal/External EMI Springs**

Pluggable I/O Applications: **SFP+ Stacked Belly-to-Belly**

Lightpipe Options: **Not Optional**

Features

Product Type Features

Form Factor	zSFP+ Stacked Belly to Belly
Pluggable I/O Accessory Type	Dust & EMI Cover
Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Lightpipe Options	Not Optional
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	2 x 4
Number of Ports	8
Number of Positions	160

Electrical Characteristics

Data Rate (Max)	28 Gb/s
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Contact Features

Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.5 A

Termination Features

Termination Post & Tail Length	1.8 mm[.071 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Cage Material	Stainless Steel
Centerline (Pitch)	14.25 mm[.56 in]

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
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Operation/Application

Heat Sink Compatible	No
For Use With Pluggable I/O Products	zSFP+ Cable Assembly
Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray
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Other

Pluggable I/O Connectors Comment	Integrated press-fit connector
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Customers Also Bought



TE Part #5787083-5
50 50SR R/A RCPT ASSY, RDSN L/F



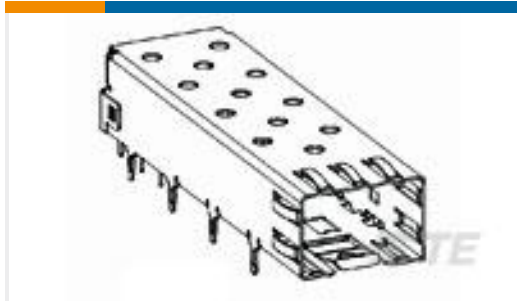
TE Part #6116202-1
MJ, TE, 8P, COMPL. PIN, CAT5, PC



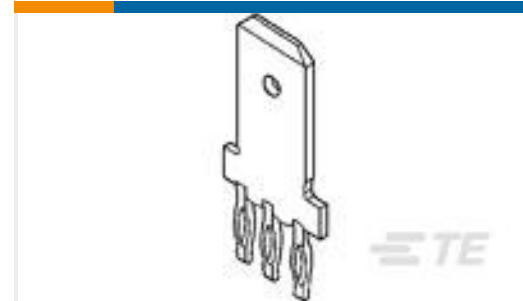
TE Part #3-5338556-1
8/8 MOD JACK ASSY SE



TE Part #5223955-2
TE UPM Ver Receptacle 3P STD Power



TE Part #2227302-1
CAGE ASSY, PRESS FIT, SFP



TE Part #216843-1
250 FASTON, TAB, PCB, TPPB



TE Part #1934346-1
Tin Man Header Assy 3x16 Double



TE Part #6600390-2
MBXL VERT HDR 4ACP STR

Documents

Product Drawings

zSFP+ STACKED BELLY TO BELLY, 2X4 RECPT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2357514-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2357514-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2357514-1_B.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