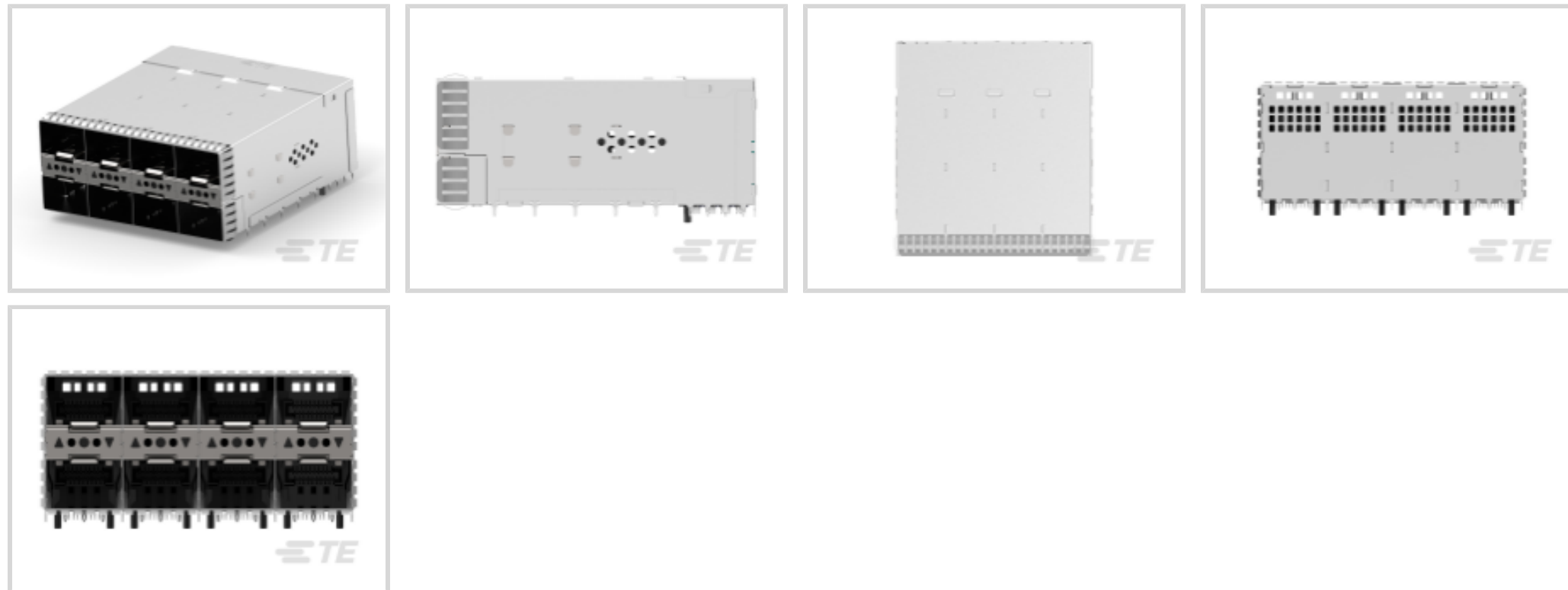




TE Internal #: 3-2180324-2
 SFP, SFP+ & zSFP+, Cage Assembly with Integrated Connector,
 Data Rate (Max) 32 Gb/s, Internal/External EMI Springs, zSFP+
 Thermally Enhanced

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP, SFP+ & zSFP+ > zSFP+ Stacked Cage Assembly: EMI Spring



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

Data Rate (Max): **32 Gb/s**

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

Pluggable I/O Applications: **zSFP+ Thermally Enhanced**

Lightpipe Options: **With Lightpipe**

[All zSFP+ Stacked Cage Assembly: EMI Spring \(45\)](#)

Features

Product Type Features

Form Factor	zSFP+ Stacked (SFP28)
Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Lightpipe Options	With Lightpipe
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	2 x 4
Lightpipe Configuration	Reversed Outer
Lightpipe Style	Standard
Lightpipe Profile	Standard
Number of Ports	8



Number of Positions	160
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Electrical Characteristics

Data Rate (Max)	32 Gb/s
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Contact Features

Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 μm [29.92 μin]
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Current Rating (Max)	.5 A

Termination Features

Termination Post & Tail Length	1.8 mm[.07 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	Nickel Silver Alloy
Centerline (Pitch)	.8 mm[.031 in]

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

Heat Sink Compatible	No
For Use With Pluggable I/O Products	zSFP+ Cable Assembly
Pluggable I/O Applications	zSFP+ Thermally Enhanced
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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Other

EMI Containment Feature Type	Internal/External EMI Springs
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG</p>	 <p>TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG</p>
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TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly:
30 AWG



TE Part # CAT-Q17-N490333
QSFP56-Four SFP56 Cable Assembly:
26 AWG



TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M,
30AWG



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



TE Part # 4-2334985-2
SFP56 DIRECT ATTACH CA, 1M,
32AWG

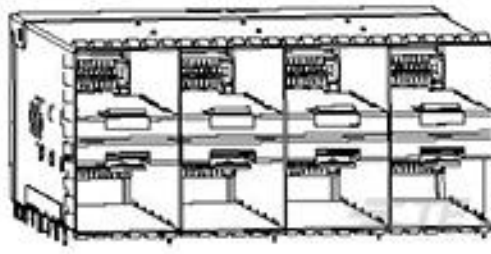


TE Part # 2334985-2
SFP28 DIRECT ATTACH CA, 1M,
32AWG



TE Part # CAT-C11-N490111
SFP28 to SFP28 Cable Assembly: 28
AWG

Customers Also Bought



TE Part #1-2180324-9
zSFP+ STACKED 2X4 RECEPTACLE
ASSEMBLY



TE Part #6469081-1
HMZD 3PR, RECEPTACLE ASSEMBLY



TE Part #6469001-1
HM-ZD 4PR RECP 80P



TE Part #6469002-1
HM-ZD 4PR HDR 80P 5.2MM



TE Part #6469028-1
HM-ZD 2PR RECP 40P



TE Part #6469025-1
HM-ZD 2PR HDR 40P 2.5MM




TE Part #2300275-1
zSFP+ 1x4 Cage Assembly, Press-Fit



TE Part #2301859-2
ZQSFP+ STACKED RECEPTACLE
ASSEMBLY 2X2



TE Part #3-1734857-4
PCI EXP STRADDLE 98P WHT 15u"



TE Part #2381126-1
GUIDE PIN WITH POST KEY

Documents



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-2180324-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2180324-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2180324-2_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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English