



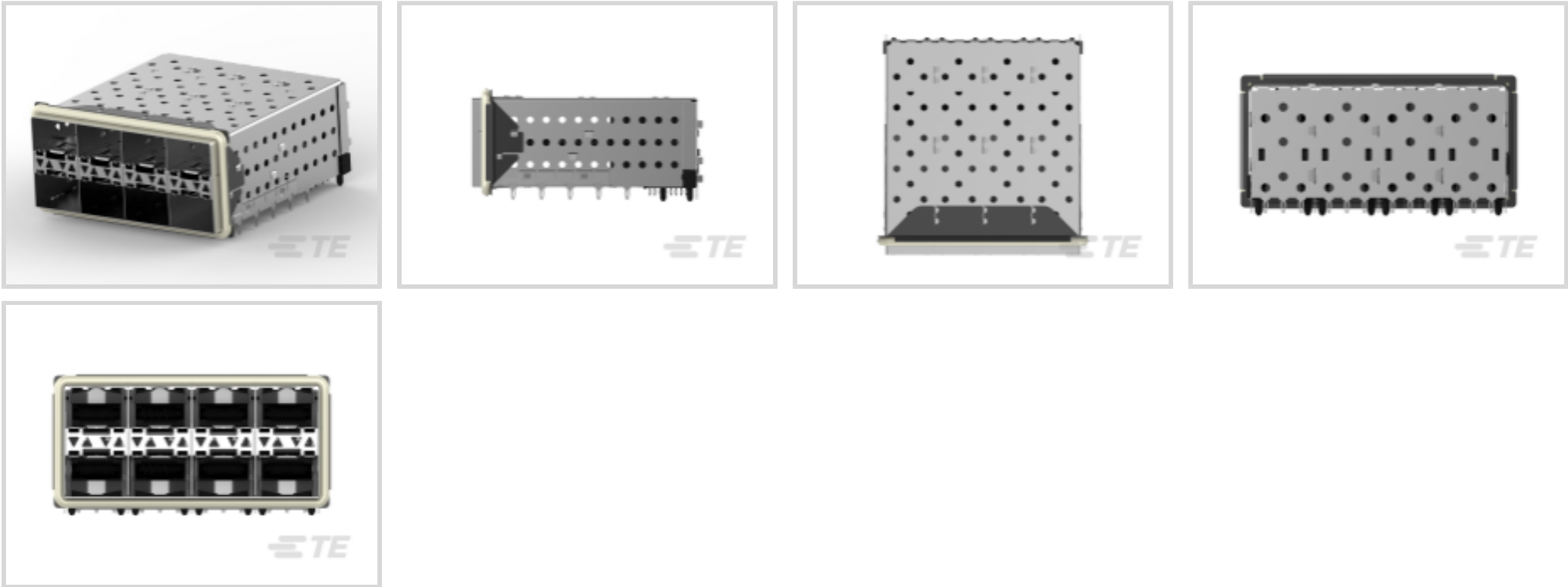
SFP28

TE Internal #: 2007399-5

SFP+, Cage Assembly with Integrated Connector, .8mm [.032in]
Centerline, Sealable, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F]

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP+ Stacked Cage Assemblies



Form Factor: **SFP+**
Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**
Centerline (Pitch): **.8 mm [.032 in]**
Sealable: **Yes**
Circuit Application: **Signal**

[All SFP+ Stacked Cage Assemblies \(73\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	3 mm[.118 in]

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]
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Contact Features

Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm

Packaging Features

Packaging Method	Tray
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Operation/Application

Pluggable I/O Applications	SFP+
Heat Sink Compatible	No
Circuit Application	Signal

Housing Features

Cage Material	Nickel Silver
Centerline (Pitch)	.8 mm[.032 in]

Product Type Features

Cage Type	Stacked
Form Factor	SFP+
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	Yes

Configuration Features

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

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Usage Conditions

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

Included Lightpipe	Yes
EMI Containment Feature Type	Elastomeric Gasket
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
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

 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 # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG
 TE Part # 2142970-1 CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M	 TE Part # CAT-C11-H50626 SFP+ to SFP+ I/O Cable Assembly: 30 AWG	 TE Part # CAT-C11-H5 SFP+ to SFP+ I/O Cable Assembly: 24 AWG	 TE Part # CAT-C11-H506 SFP+ to SFP+ I/O Cable Assembly: 26 AWG



TE Part # 1761394-1
DUST COVER, SFP, GANGED & STACKED



TE Part # 2063048-2
SFP, 2x1 EXTRACTION TOOL ASSY



TE Part # 2142970-7
CABLE ASSY, MICRO SFP+ TO STD SFP+, 6M



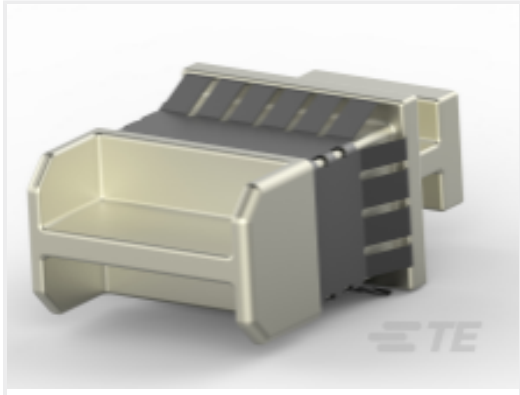
TE Part # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30 AWG



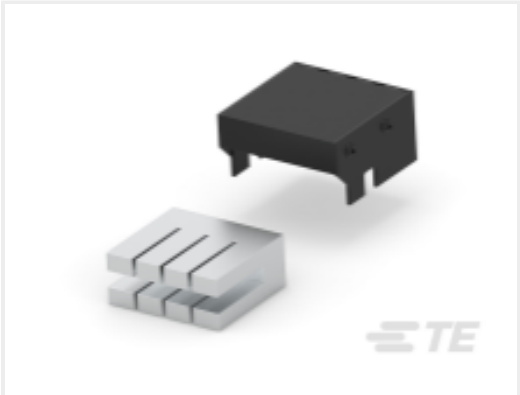
TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M, 30AWG



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



TE Part # 1888901-1
SFP+ EMI Plug



TE Part # 2018280-3
KIT, SEATING TOOL, SFP+2x4



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



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



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



TE Part # CAT-C11-H5062
SFP+ to SFP+ I/O Cable Assembly: 28 AWG

Customers Also Bought



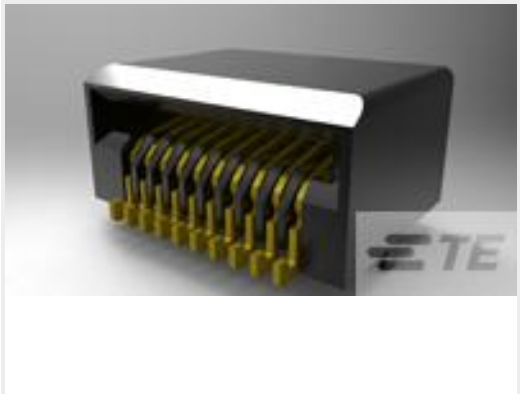
TE Part #2227838-7
2X12 ZSFP+ CONNECTOR ASSEMBLY



TE Part #5-102618-2
08 MODII HDR DRST SHRD .100CL



TE Part #1888810-2
EMI/Dust Cover,XFP And QSFP



TE Part #2170088-1
ZSFP+ Connector,30u"



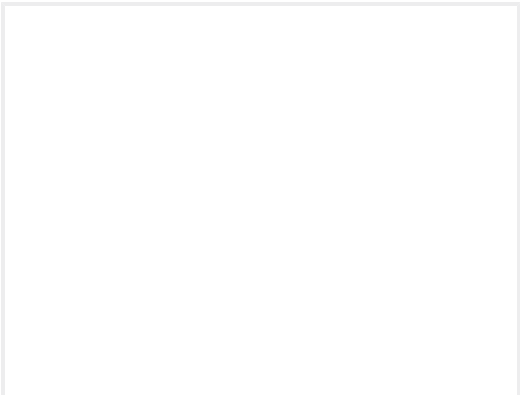
TE Part #2291634-1
SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK



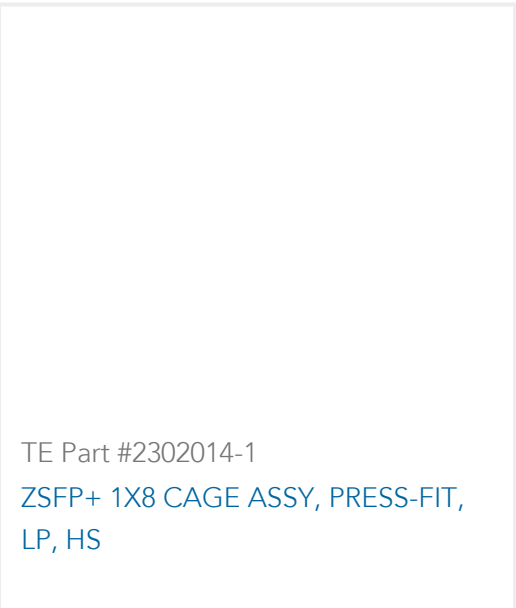
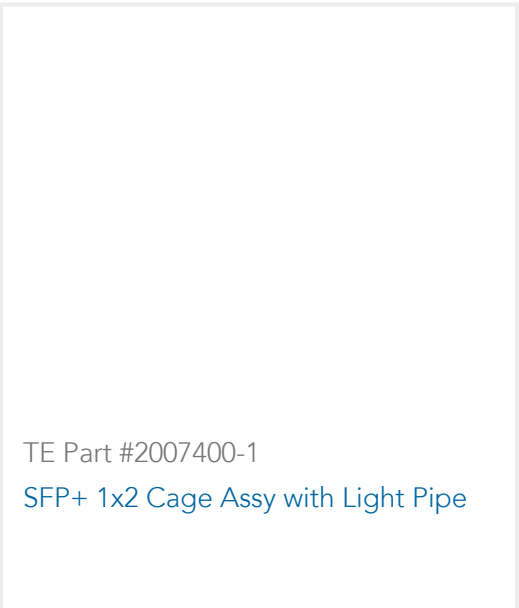
TE Part #2-6609104-3
PE050DS3A=C1254



TE Part #1410279-8
MULTIGIG RT PWR .8" R/A HDR 2P PBFR"



TE Part #2170775-4
CAGE ASSY, 1X4, QSFP28, GASKET, HS, LP



Documents

Product Drawings

SFP+assy 2x4 Gasket 4 Lp Sn

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2007399-5_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2007399-5_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2007399-5_F.3d_stp.zip

English

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

Datasheets & Catalog Pages

1773408-1 Pluggable Input/Output Solutions catalog - SFP+ section

English

SFP+ Product Family: Cages, Connectors, Cable Assemblies 4-1773449-5

English

4-1773455-3 - Quick Reference Guide SFP+ Solutions

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

