

2110759-1 ✓ ACTIVE



SFP28

TE Internal #: 2110759-1

SFP+, Connector, .8mm [.031in] Centerline, Signal, Operating Temperature Range -55 – 85 °C [-67 – 185 °F], Data Rate (Max) 16 Gb/s, 20 Position

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > SFP Connectors



Pluggable I/O Product Type: **Connector**

Centerline (Pitch): **.8 mm [.031 in]**

Sealable: **No**

Circuit Application: **Signal**

Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**

[All SFP Connectors \(10\)](#)

Features

Contact Features

Gold Plating Thickness	15 µin
Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold

Product Type Features

Pluggable I/O Product Type	Connector
Sealable	No
Form Factor	SFP+

Housing Features

Centerline (Pitch)	.8 mm [.031 in]
--------------------	-----------------

Operation/Application

Circuit Application	Signal
Pluggable I/O Applications	SFP



Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
-----------------------------	---------------------------

Electrical Characteristics

Data Rate (Max)	16 Gb/s
-----------------	---------

Configuration Features

Number of Positions	20
---------------------	----

Other

Included Lightpipe	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Termination Features

Termination Method to PCB	Surface Mount
---------------------------	---------------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	Reel
------------------	------

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	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

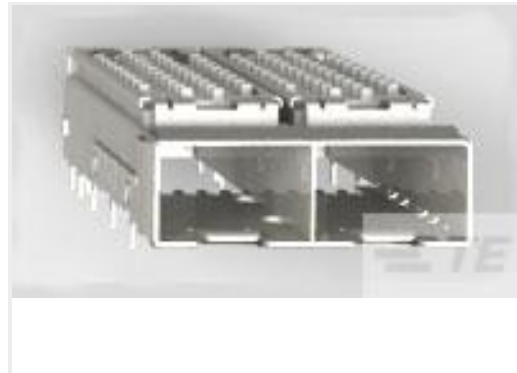


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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



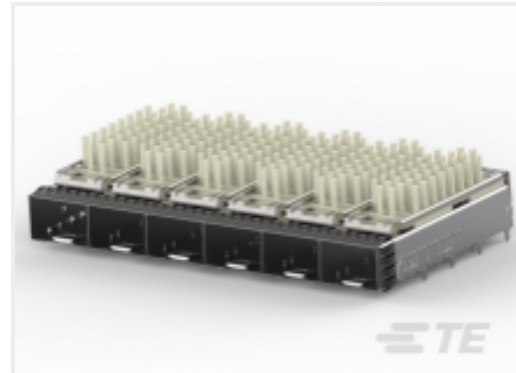
TE Part # CAT-C11-H50626
SFP+ to SFP+ I/O Cable Assembly: 30 AWG



TE Part # 2198230-2
SFP+ Enhanced 1x2, SAN Heatsink



TE Part # 2198230-1
SFP+ Enhanced 1x2, PCI Heatsink



TE Part # 2198235-3
SFP+ Enhanced 1x6, Networking Heatsink



TE Part # 2198230-3
SFP+ Enhanced 1x2, Networking Heatsink



TE Part # 2198234-3
SFP+ Enhanced 1x4, Net Heatsink, LP



TE Part # CAT-SF59-AC229
SFP accessories



TE Part # 2149730-3
SFP+ Enhanced 1x4 Cage, SAN Heatsink



TE Part # 2057086-2
SFP+ Enhanced 1x1 Cage Assembly



TE Part # 2149730-4
SFP+ Enhanced 1x4 Cage, Network Heatsink



TE Part # 2057118-1
SFP+ ENHANCED 1X1 HEATSINK CLIP



TE Part # 2057086-1
SFP+ Enhanced 1x1 Cage Assembly



TE Part # 2057353-1
SFP+ Enhanced 1x4 Cage Assy



TE Part # 2057833-1
SFP+ Enhanced 1x4 Cage Assy



TE Part # 2180739-1
SFP+ Enhanced 1x2, Heatsink Op



TE Part # 2198224-1
SFP+ Enhanced 1x2, PCI Heatsink



TE Part # 2198224-4
SFP+ Enhanced 1x2, Networking Heatsink



TE Part # 2198225-4
SFP+ Enhanced 1x2, Net Heatsink, LP



TE Part # 2198231-4
SFP+ Enhanced 1x2, Net Heatsink, LP

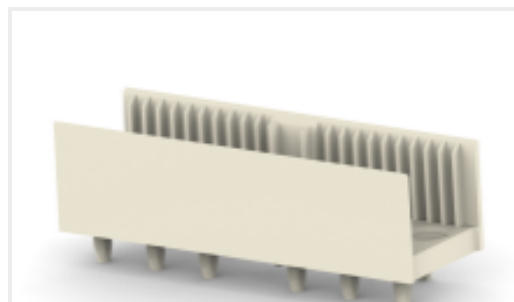


TE Part # 2198232-1
SFP+ Enhanced 1x2, PCI Heatsink, LP

Customers Also Bought



TE Part #1-5406299-1
MJ ASSY,S/P,8POS,SH,RVPGT,CAT5



TE Part #100745-3
Z-PACK/L M-HSG 06P



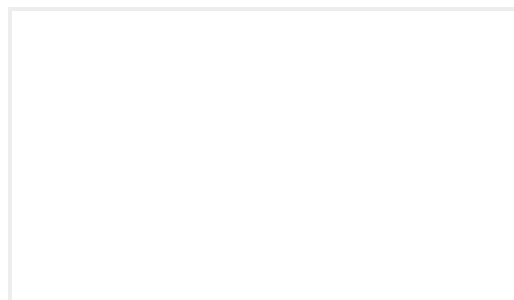
TE Part #2007538-6
SFP+ Stacked Cage Assemblies



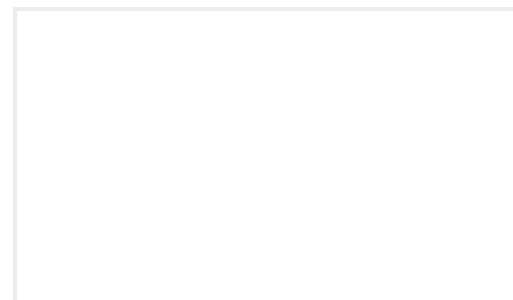
TE Part #1-5406203-2
MJ,ASSY,4P,8POS,CAT5,PNL TABS,.1S /T



TE Part #2204145-3
MBXLE R/A RCPT 3ACP + 8P + 26S



TE Part #5-6450160-4
MBXL R/A RCPT 1P+16S+1P



TE Part #2057548-3
SFP+ Stout 1X4 Cage Assembly, Press-Fit

Documents

Product Drawings

[PT CONN ASSY 20 POS 16G SFP](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2110759-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2110759-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2110759-1_A.3d_stp.zip](#)

English

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



Datasheets & Catalog Pages

[1-1773717-7_PLUGGABLE_IO_QRG_CN](#)

English

[1-1773717-8_PLUGGABLEIO_QRG_TCN](#)

English

[1-1773717-9_HIGH_SPEED_IO_QRG_JA](#)

English

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

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English