2110759-1 ✔ ACTIVE

SFP28
TE Internal #: 2110759-1

SFP, SFP+ & zSFP+, Connector, Data Rate (Max) 16 Gb/s, SFP, Not Optional, Surface Mount, Cable-to-Board, 20 Position, .031 in [.8 mm] Centerline

View on TE.com >

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

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

Data Rate (Max): **16 Gb/s**

Pluggable I/O Applications: **SFP**

Lightpipe Options: **Not Optional**

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

All SFP Connectors (10)

Features

Product Type Features

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

Configuration Features

Number of Positions	20

Electrical Characteristics

Data Rate (Max)	16 Gb/s

Contact Features

	15 µin

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

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

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

Usage Conditions

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

Operation/Application

For Use With Pluggable I/O Products	SFP+ Cage
Pluggable I/O Applications	SFP
Circuit Application	Signal

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

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

TE Part # 2198233-4
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 # 2057085-4
SFP+ 1x1 Enhanced, Gasket, Pre

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

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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

TE Part # 2198232-3
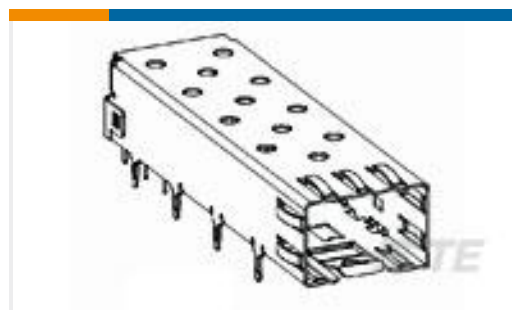**SFP+ Enhanced 1x2, Network Heatsink, LP**

Customers Also Bought

TE Part #1-2176055-3
RLP73M 2B R033 1% 1K RL

TE Part #2170030-1
SFP+ 1x4 w/ Ultra Low Profile LP

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

TE Part #4-1879134-3
RN 0603 27K4 0.1% 10PPM 1K RL

TE Part #1-794108-1
24P MINI UMNL R/A HDR ASSY LF

TE Part #1-2007637-5
SFP+ assy 2x2 EMI Sprg 4 LP Sn Enhanced

TE Part #2176487-1
BMC 0805 300R 25% A Med C

TE Part #9-1879208-3
CPF 0402 68K 0.1% 25PPM 1K RL

TE Part #CONMMCX001
MMCX Jack 50 Ohm PCB Through Hole

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

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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

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English