



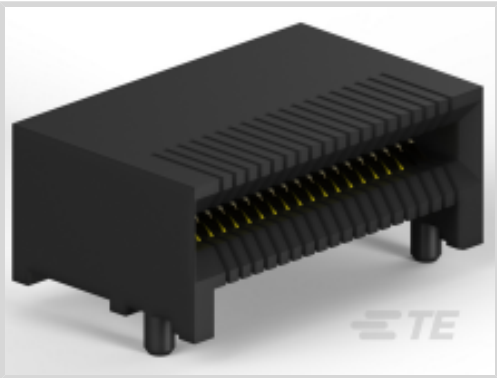
QSFP/QSFP+

TE Internal #: 1761987-5

QSFP+, Connector, .8mm [.032in] Centerline, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F], Data Rate (Max) 14 Gb/s, 38 Position

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Connector**
Centerline (Pitch): **.8 mm [.032 in]**
Sealable: **No**
Circuit Application: **Signal**
Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Features

Product Type Features

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

Configuration Features

Number of Positions	38
---------------------	----

Electrical Characteristics

Data Rate (Max)	14 Gb/s
-----------------	---------

Contact Features

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

Termination Features

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

Housing Features

Centerline (Pitch)	.8 mm[.032 in]
--------------------	----------------

Dimensions



PCB Thickness (Recommended)	1.45 mm[.057 in]
-----------------------------	------------------

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

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

Packaging Features

Packaging Method	Tube
------------------	------

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

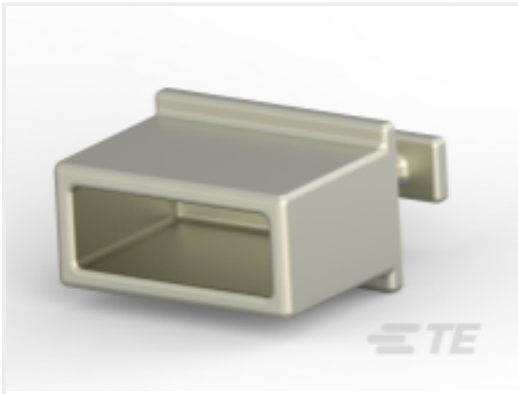
Product Compliance Disclaimer

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 # 2053453-5
C/A, QSFP TO 4XSFP+, 4.0M



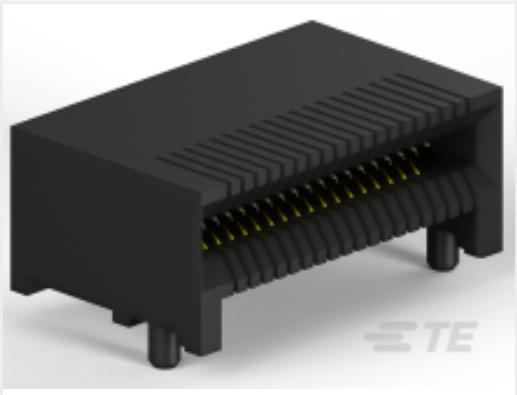
TE Part # 1888810-2
EMI/Dust Cover,XFP And QSFP



TE Part # CAT-C11-H50111
QSFP-Four SFP+ I/O Cable Assembly
30 AWG



TE Part # CAT-C11-H5011142
QSFP to QSFP I/O Cable Assembly: 33
AWG



TE Part # 1761987-9
ReceptacleConnAssm38PosTape/Re



TE Part # 1-2053638-6
C/A, QSFP, 0.5M, P1-P2,
UNEQUALIZED

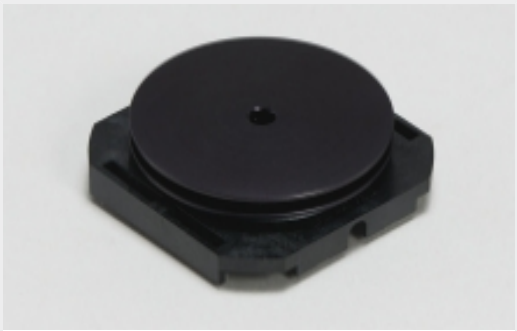


TE Part # 2110819-1
QSFP+ Enh EVERCLEAR PT Conn



TE Part # 2821033-8
QSFP TO [4]SFP+, 28G, 1M, 33AWG

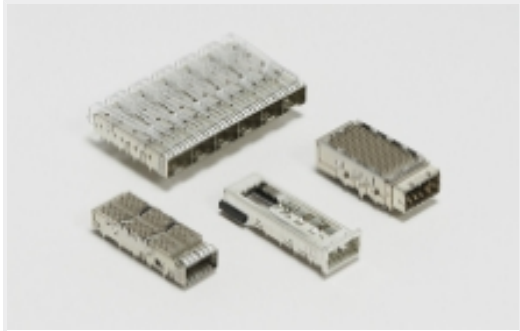
Also in the Series | **QSFP/QSFP+**



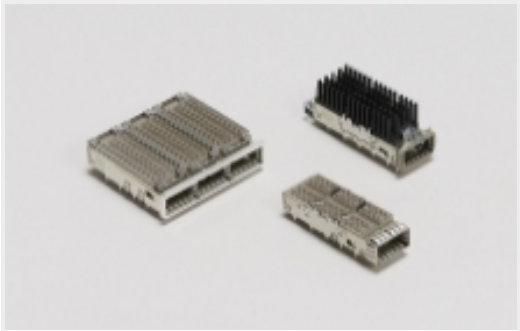
Heat Sinks(1)



Light Pipes(6)



Pluggable IO Connectors & Cages(142)



QSFP, QSFP+ & zQSFP+(142)

Customers Also Bought



TE Part #292303-1
Std USB Type A, R/A, T/H



TE Part #350550-7
UMNLSOK 20-14 AU/BR L/P



TE Part #1888247-1
20 POS SMT CONN, SFP/SFP+, 30A



TE Part #1888250-1
Low Profile,RJ45,1x1,GRN/YEL



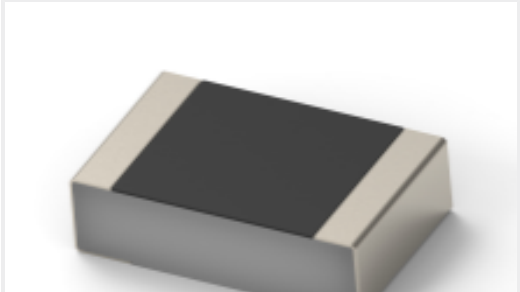
TE Part #1888250-3
Low Profile,RJ45,1x1,No Led's



TE Part #1977223-6
FSM2JSMASTR=6MM TACT
SWITCH,



TE Part #2007194-1
SFP+ 1x1 Cage Assembly, PCI, Solder
Tail



TE Part #4-2176453-7
CPF 0201 17K4 0.1% 25ppm 1K RL



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1761987-5_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1761987-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1761987-5_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

Agency Approvals

UL Report

English