1-1761987-8 ✔ ACTIVE

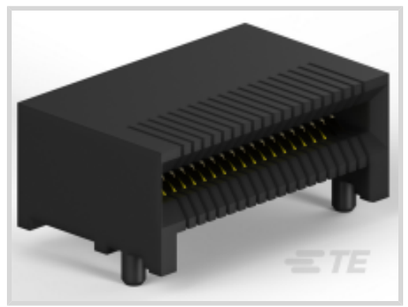
QSFP/QSFP+

TE Internal #: 1-1761987-8

QSFP, QSFP+ & zQSPF+, Connector, Cable-to-Board, 38 Position, .032 in [.8 mm] Centerline, Printed Circuit Board, Signal, Board Mount, QSFP/QSFP+

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > QSFP, QSFP+ & zQSPF+



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

Connector System: **Cable-to-Board**

Number of Positions: **38**

Centerline (Pitch): **.8 mm [.032 in]**

Sealable: **No**

Features

Product Type Features

Form Factor	QSFP+
Pluggable I/O Product Type	Connector
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	38

Contact Features

Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
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[.032 in]

Dimensions

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

Usage Conditions

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

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Reel, Tape

Product Compliance

For compliance documentation, visit the product page on TE.com>

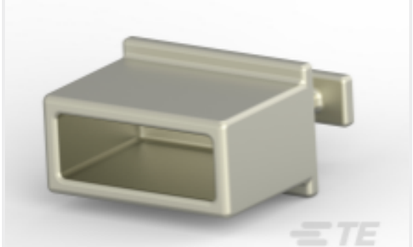
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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

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

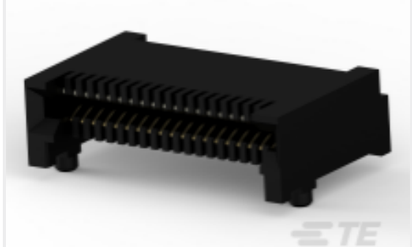
Compatible Parts

TE Part # CAT-C11-H501114
QSFP to QSFP I/O Cable Assembly: 30 AWG

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



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



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

TE Part # CAT-C11-H5011
QSFP-Four SFP+ I/O Cable Assembly 28 AWG

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

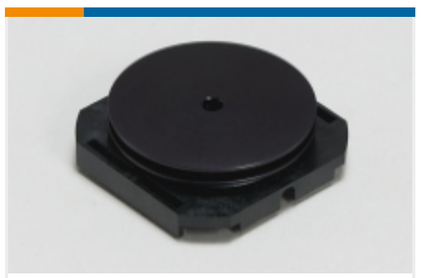
TE Part # 2053638-4
C/A, QSFP, 4M, P1-P2, UNEQUALIZED

TE Part # 2202165-4
QSFP TO QSFP, 26AWG, FDR, 4.0 METER

TE Part # 2202165-5
QSFP TO QSFP, 26AWG, FDR, 5.0 METER

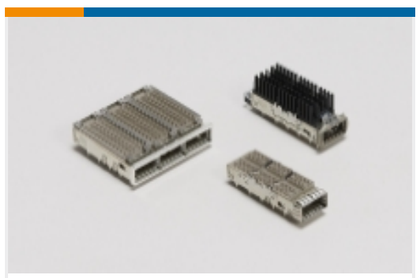
TE Part # 2821033-8
QSFP TO [4]SFP+, 28G, 1M, 33AWG

Also in the Series | QSFP/QSFP+



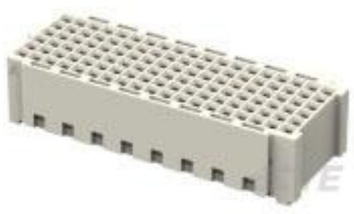
Heat Sinks(1)

Pluggable I/O Cable Assemblies(23)



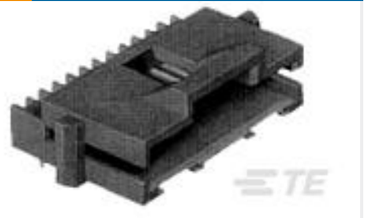
QSFP, QSFP+ & zQSPF+(158)

Customers Also Bought

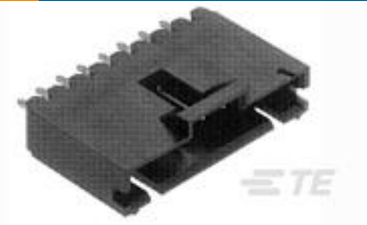


TE Part #2102061-1
Mezalok, Socket, 114 p, 10 mm, 50 Au, TL

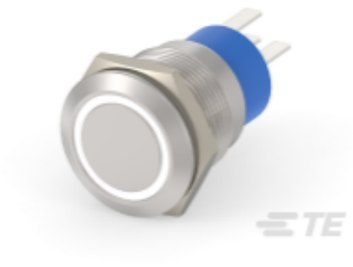
TE Part #1558676-3
T9GS1L24-12



TE Part #6-104074-0
08 SYSTEM 50 HDR SRRA SHRD SN



TE Part #103735-3
04 MTE HDR SRST LATCH .100CL



TE Part #2-2213767-1
AV19 SPL 5A MOVE RING LED WHITE 12V

TE Part #2-2176330-1
CRGP 2010 470R 1%

TE Part #5-1879355-0
RR03 5% 470K AMMO

TE Part #1-104071-0
08 SYSTEM 50 HDR SRST SHRD

TE Part #YDTS33W23RV0010000
DUST COVER ASSEM

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1-1761987-8_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1761987-8_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-1761987-8_A.3d_igs.zip

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1-1761987-8_06232017623_dmtec

English

MD_1-1761987-8_06232017623_dmtec

English

Agency Approvals

UL Report

English