



QSFP/QSFP+

TE Internal #: 2214574-1

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

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Connectors > Pluggable IO Connectors & Cages



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

Features

Product Type Features

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

Configuration Features

Number of Rear EONs per Port Column	0
Number of Positions	152
Number of Ports	4
Port Matrix Configuration	2 x 2

Electrical Characteristics

Data Rate (Max)	14 Gb/s
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Contact Features

Contact Underplating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]

Termination Features

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Termination Method to PCB	Through Hole - Press-Fit
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Termination Post & Tail Length	2 mm[.079 in]
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Housing Features

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

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

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

Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
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Heat Sink Compatible	No
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray
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Other

Included Lightpipe	Yes
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EMI Containment Feature Type	Elastomeric Gasket
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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 # 2829040-8  
QSFP IB EDR, 26AWG, 3.0M



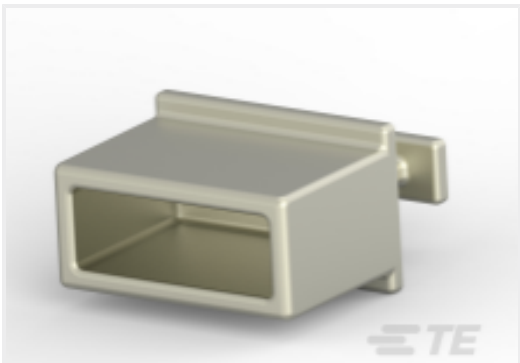
TE Part # 2202165-5  
QSFP TO QSFP, 26AWG, FDR, 5.0 METER



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



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



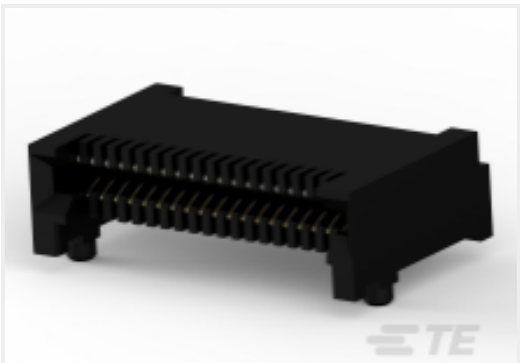
TE Part # 1888810-2  
EMI/Dust Cover,XFP And QSFP



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



TE Part # 2829040-4  
QSFP IB EDR, 30AWG, 1.0M



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



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

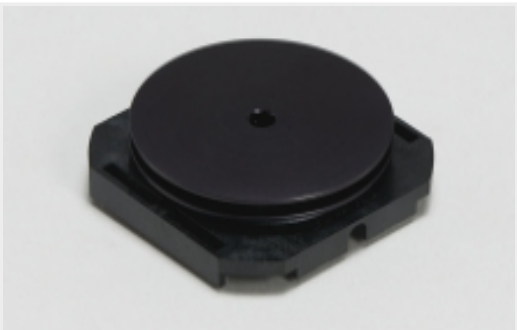


TE Part # 1-2053638-6  
C/A, QSFP, 0.5M, P1-P2, UNEQUALIZED



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

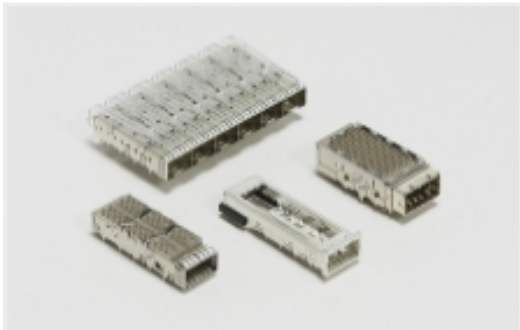
Also in the Series | QSFP/QSFP+



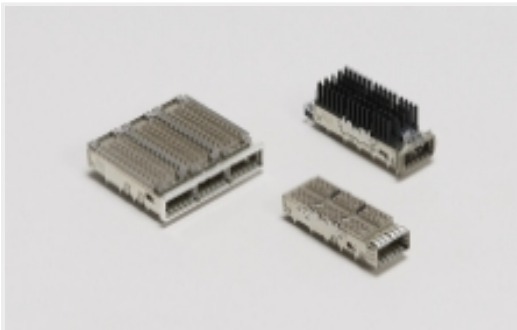
Heat Sinks(1)



Light Pipes(8)



Pluggable IO Connectors & Cages(154)

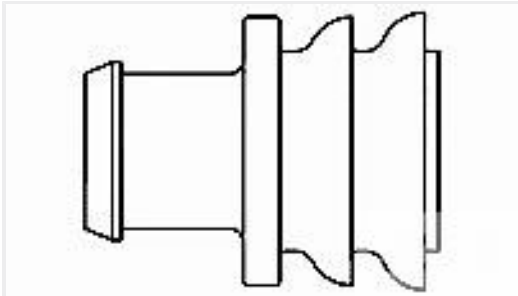


QSFP, QSFP+ & zQSPF+(154)

Customers Also Bought



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #206070-8  
CABLE CLAMP KIT #17



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #DT04-2P  
REC, 2P, GRY, N

Documents

Product Drawings  
2X2 QSFP CAGE AND PT CONNECTOR ASSEMBLY  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2214574-1\_B.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2214574-1\_B.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2214574-1\_B.3d\_stp.zip  
English

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[Product Specifications](#)

[Application Specification](#)

English