

2214574-1 ✓ ACTIVE



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



Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

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

Sealable: **Yes**

Circuit Application: **Signal**

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

Features

Product Type Features

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

Housing Features

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

Operation/Application

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

Usage Conditions

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

Data Rate (Max)	14 Gb/s
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Configuration Features

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

Other

Included Lightpipe	Yes
EMI Containment Feature Type	Elastomeric Gasket
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Contact Features

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

Termination Features

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

Dimensions

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


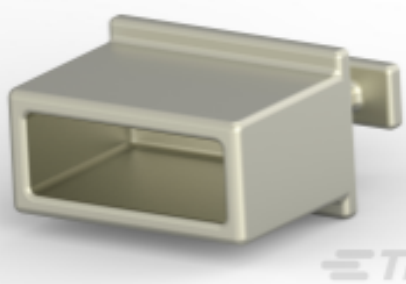
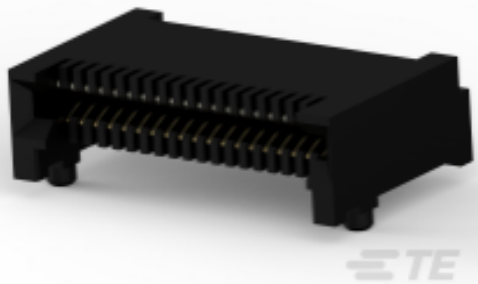










Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

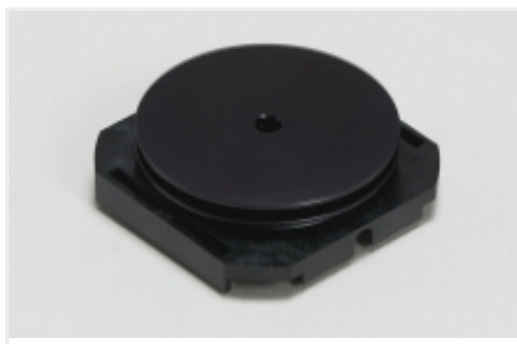
Product Compliance Disclaimer

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

 <p>TE Part # CAT-C11-H5011 QSFP-Four SFP+ I/O Cable Assembly 30 AWG</p>	 <p>TE Part # 1888810-2 EMI/Dust Cover,XFP And QSFP</p>	 <p>TE Part # 2110819-1 QSFP+ Enh EVERCLEAR PT Conn</p>	 <p>TE Part # 1-2053638-6 C/A, QSFP, 0.5M, P1-P2, UNEQUALIZED</p>
 <p>TE Part # CAT-C11-H5011 QSFP-Four SFP+ I/O Cable Assembly 28 AWG</p>	 <p>TE Part # CAT-C11-H5011142 QSFP to QSFP I/O Cable Assembly: 33 AWG</p>	 <p>TE Part # 2202165-4 QSFP TO QSFP, 26AWG, FDR, 4.0 METER</p>	 <p>TE Part # 2202165-5 QSFP TO QSFP, 26AWG, FDR, 5.0 METER</p>
 <p>TE Part # 2829040-4 QSFP IB EDR, 30AWG, 1.0M</p>	 <p>TE Part # 2829040-8 QSFP IB EDR, 26AWG, 3.0M</p>	 <p>TE Part # 2821033-8 QSFP TO [4]SFP+, 28G, 1M, 33AWG</p>	

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



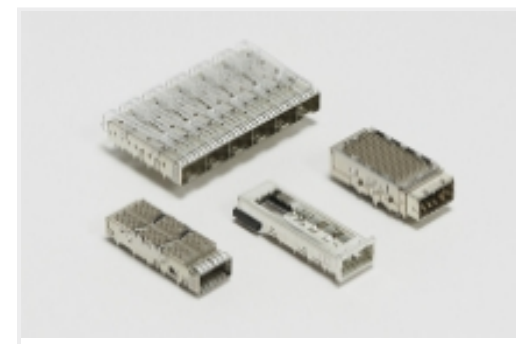
Heat Sinks(1)



Light Pipes(8)

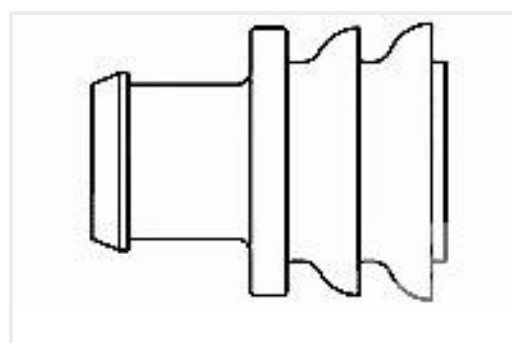


Pluggable I/O Cable Assemblies(13)



Pluggable IO Connectors & Cages(154)

Customers Also Bought

TE Part #DT04-2P
REC, 2P, GRY, NTE Part #W2S
Wedgelocks: DEUTSCH DTTE Part #0460-202-16141
DEUTSCH Solid ContactsTE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSINGTE Part #206070-8
CABLE CLAMP KIT #17TE Part #DT06-2S
PLG, 2P, GRY, NTE Part #281934-2
SINGLE WIRE SEAL

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