

2057042-1 ✓ ACTIVE

QSFP/QSFP+

TE Internal #: 2057042-1

QSFP+, Cage Assembly, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F], Data Rate (Max) 14 Gb/s, 3 Ports

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Connectors > High Speed Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly**

Sealable: **No**

Circuit Application: **Signal**

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

Data Rate (Max): **14 Gb/s**

## Features

### Product Type Features

Cage Type	Ganged
Thermal Accessory Type Included	Heat Sink
Pluggable I/O Product Type	Cage Assembly
Sealable	No
Form Factor	QSFP+

### Configuration Features

Number of Rear EONs per Port Column	1
Number of Ports	3
Port Matrix Configuration	1 x 3

### Electrical Characteristics

Data Rate (Max)	14 Gb/s
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### Body Features

	.165 in
Heat Sink Style	Pin
Heat Sink Finish	Anodized Black
Heat Sink Height Class	PCI

### Contact Features

PCB Contact Termination Area Plating Material	Tin
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### Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.2 mm[.086 in]

### Housing Features

Cage Material	Nickel Silver
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### Dimensions

PCB Thickness (Recommended)	1.45 mm[.057 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
Circuit Application	Signal

### 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
EMI Containment Feature Type	Customer Applied Gasket

### 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	有害物质含量符合标准要求 No Restricted Substance(s) 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	Not Low Halogen - contains Br or Cl > 900 ppm.
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



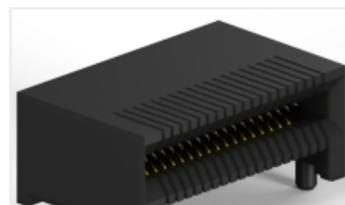
TE Part # 2829040-2  
QSFP IB EDR, 33AWG, 1.0M



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



TE Part # CAT-C11-H501142  
QSFP to QSFP I/O Cable Assembly: 33  
AWG



TE Part # 1761987-9  
ReceptacleConnAssm38PosTape/Re  
AWG



TE Part # 2829040-7  
QSFP IB EDR, 26AWG, 2.0M



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



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



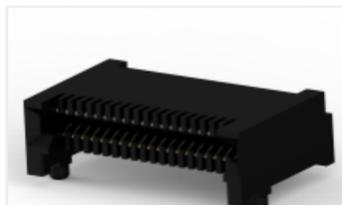
TE Part # 2829040-8  
QSFP IB EDR, 26AWG, 3.0M



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

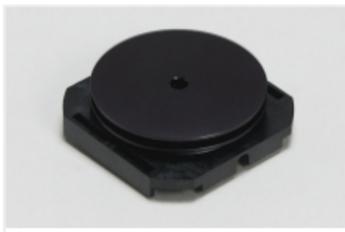


TE Part # 2821033-8  
QSFP TO [4]SFP+, 28G, 1M, 33AWG



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

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



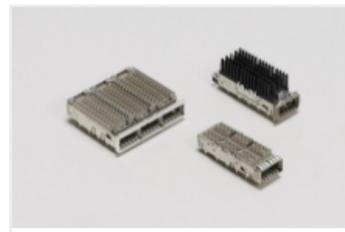
Heat Sinks(1)



High Speed I/O Cable Assemblies(13)



Light Pipes(6)



QSFP, QSFP+ &amp; zQSFP+(143)

## Customers Also Bought



TE Part #2000676-2  
Keyed Guide Pin, Machined, Vita 46



TE Part #2000713-6  
RA Keyed Guide Mod, Vita 46,  
Machined



TE Part #2170288-1  
1X4 CAGE ASSEMBLY, THRU BEZEL,  
QSFP



TE Part #2199230-4  
M.2 0.5PITCH 4.2H KEY E 15U" AU



TE Part #5352068-1  
Z-PACK/A RAF 110P



TE Part #2157553-1  
RF BACKPLANE MODULE 8 POS

## Documents

### Product Drawings

1x3 QSFP Kit Assy LP&HS, PCI

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2057042-1\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2057042-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2057042-1\\_F.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



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### Datasheets & Catalog Pages

[1773408-1 Pluggable Input/Output Solutions catalog - QSFP section](#)

English

[4-1773455-5 - Quick Reference Guide QSFP/QSFP+ Solutions](#)

English

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### Product Specifications

[Product Specification](#)

English