QSFP/QSFP+

TE Internal #: 2143330-1

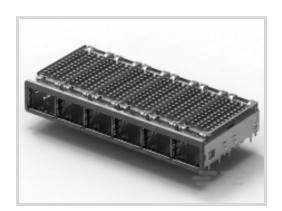
QSFP+, Cage Assembly, Signal, Operating Temperature Range -55

– 105 °C [-67 – 221 °F], Data Rate (Max) 14 Gb/s, 6 Ports

View on TE.com >



Connectors > 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

Thermal Accessory Type Included	Heat Sink
Cage Type	Ganged
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	6
Port Matrix Configuration	1 x 6

Electrical Characteristics

Data Rate (Max)	14 Gb/s

Body Features

Heat Sink Finish	Anodized Black
Heat Sink Height	4.2 mm[.165 in]
Heat Sink Height Class	PCI
Heat Sink Style	Pin

Contact Features

PCB Contact Termination Area Plating Material	Tin	
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Termination Features	
Termination Post & Tail Length	2.2 mm[.086 in]
Termination Method to PCB	Through Hole - Press-Fit
Housing Features	
Cage Material	Nickel Silver
Dimensions	
PCB Thickness (Recommended)	1.45 mm[.057 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Box & Tray
Other	
Included Lightpipe	No

Product Compliance

EMI Containment Feature Type

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

Customer Applied Gasket



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-onreach

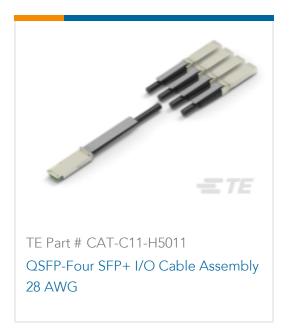
Compatible Parts

















METER

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

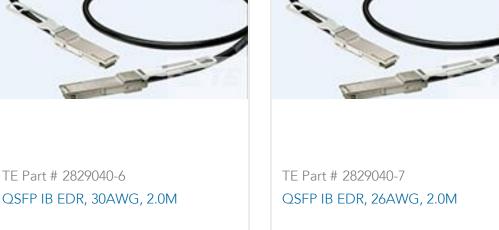
TE Part # 2202165-5 QSFP TO QSFP, 26AWG, FDR, 5.0 **METER**







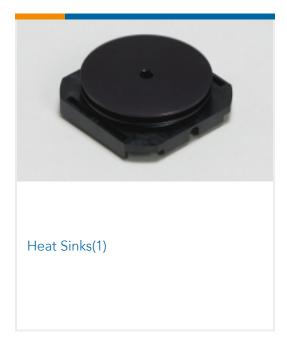
TE Part # 2829040-6







Also in the Series | QSFP/QSFP+









Customers Also Bought





Documents

Product Drawings

1X6 QSFP Kit Assy Bhnd Bzl,PCI

English

CAD Files

Customer View Model

ENG_CVM_CVM_2143330-1_1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2143330-1_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

QSFP+, Cage Assembly, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F], Data Rate (Max) 14 Gb/s, 6 Ports



Product Specifications
Application Specification

English