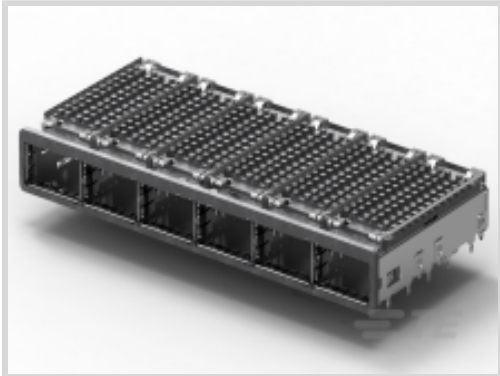




Connectors > Pluggable IO Connectors & Cages



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
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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 Printed Circuit Board	Through Hole - Press-Fit

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	No
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

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 # 1-2053638-6 C/A, QSFP, 0.5M, P1-P2, UNEQUALIZED
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 # 2202165-4 QSFP TO QSFP, 26AWG, FDR, 4.0 METER	TE Part # 2202165-5 QSFP TO QSFP, 26AWG, FDR, 5.0 METER
TE Part # 2829040-2 QSFP IB EDR, 33AWG, 1.0M	TE Part # 2829040-4 QSFP IB EDR, 30AWG, 1.0M	TE Part # 2829040-6 QSFP IB EDR, 30AWG, 2.0M	TE Part # 2829040-7 QSFP IB EDR, 26AWG, 2.0M



TE Part # 2829040-8

QSFP IB EDR, 26AWG, 3.0M



TE Part # 2821033-8

QSFP TO [4]SFP+, 28G, 1M, 33AWG

Also in the Series

QSFP/QSFP+



Heat Sinks(1)



Light Pipes(8)



Pluggable I/O Cable Assemblies(19)



Pluggable IO Connectors & Cages(154)

Customers Also Bought



TE Part # 5-535541-4

06 MODIV VRT SR CE 100/115



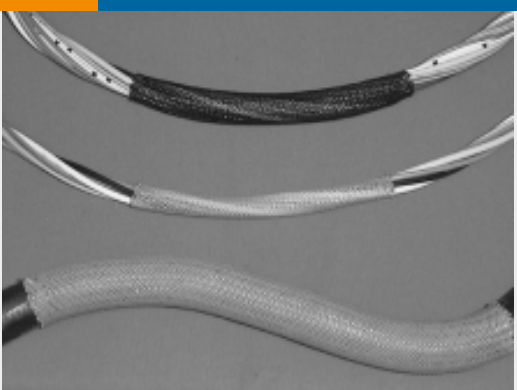
TE Part # 535541-6

08 MODIV VRT SR CE 100/115



TE Part # 535541-8

10 MODIV VRT SR CE 100/115



TE Part # CH02014001

VERSAFLEX-1/8-0-SP



TE Part # ADP-SMAF-SMAF-G

SMA Jack to SMA Jack

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.

[Product Specifications](#)

[Application Specification](#)

English