2143330-1 × OBSOLETE

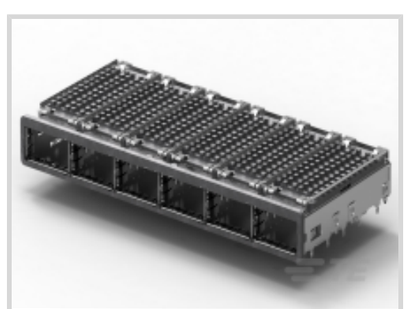
QSFP/QSFP+

TE Internal #: 2143330-1

TE Internal Description: 1X6 QSFP Kit Assy Bhnd Bzl,PCI

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

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	6
Port Matrix Configuration	1 x 6

Electrical Characteristics

Data Rate (Max)	14 Gb/s

Body Features

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

Contact Features

PCB Contact Termination Area Plating Material	Tin

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

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
EMI Containment Feature Type	Customer Applied Gasket

Product Compliance

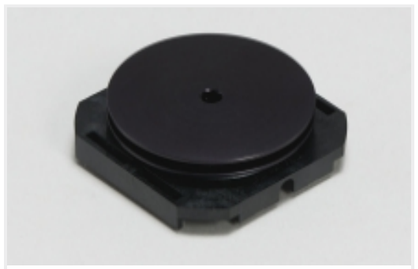
For compliance documentation, visit the product page on TE.com>

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: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

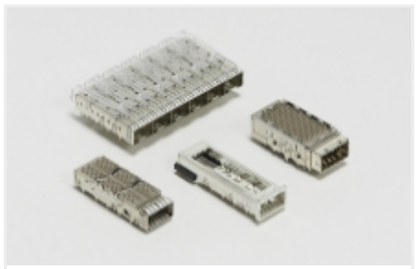
Also in the Series | QSFP/QSFP+



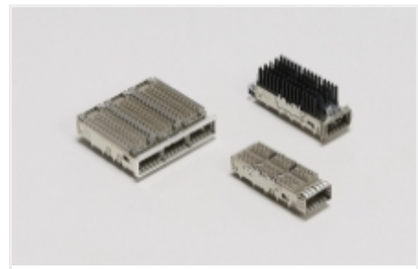
Heat Sinks(1)



Light Pipes(6)



Pluggable IO Connectors & Cages(142)



QSFP, QSFP+ & zQSPF+(142)

Customers Also Bought



TE Part #31430

TERMINAL,BUDG R 26-22 6



TE Part #100616-1

8/8 MOD.JACK ASSY TE SHIELDED



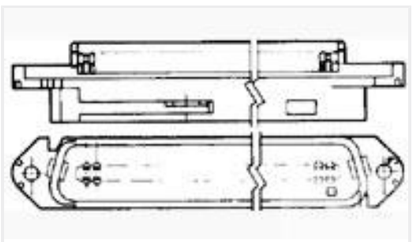
TE Part #5-103414-2

04 MODII HDR SRST SHRD LF



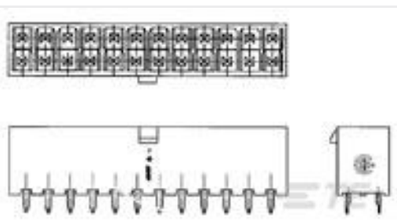
TE Part #207088-1

METRIMATE,STR REL KIT,24P



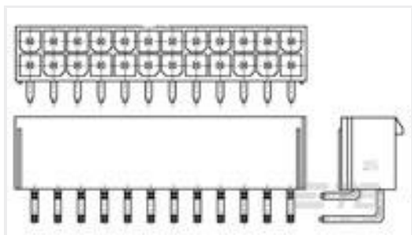
TE Part #552390-1

ASSY, PLUG, 50 POS, E SLOT



TE Part #1586037-2

2P VERT HDR VAL-U-LOK V2



TE Part #1586041-6

6P VAL-U-LOK R/A HDR V2



TE Part #1717254-1

EMBOSS ASS'Y DDR SODIMM SOCKET



TE Part #2199119-8
M.2 0.5PITCH 3.2H KEY A 15U'' AU



TE Part #5103309-5
A/L LOW PRO HDR 20P VERT BLACK

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