2299870-4 ✔ ACTIVE

zQSFP+/QSFP28

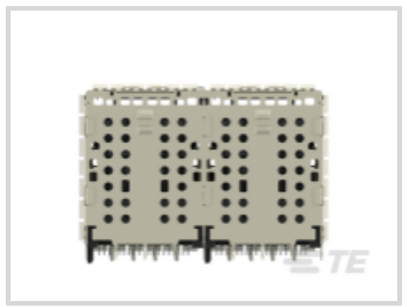
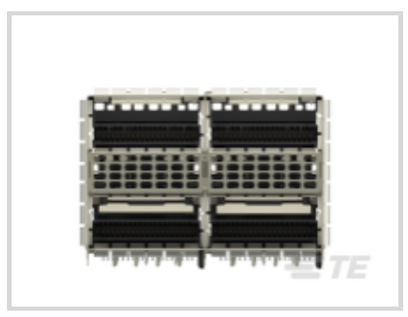
TE Internal #: 2299870-4

zQSFP+, Cage Assembly with Integrated Connector, Signal, Data Rate (Max) 25 Gb/s, 38 Position, 4 Ports, Port Matrix Configuration 2 x 2

View on TE.com >

Connectors > Pluggable IO Connectors & Cages



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

Sealable: **No**

Circuit Application: **Signal**

Data Rate (Max): **25 Gb/s**

Number of Positions: **38**

Features

Product Type Features

Cage Type	Stacked
Thermal Accessory Type Included	Heat Sink
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	No
Form Factor	zQSFP+

Configuration Features

Number of Rear EONs per Port Column	3
Number of Positions	38
Number of Ports	4
Port Matrix Configuration	2 x 2

Electrical Characteristics

Data Rate (Max)	25 Gb/s

Body Features

Heat Sink Style	Fin

Heat Sink Finish	Anodized Black

Contact Features

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

Termination Features

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

Housing Features

Cage Material	Nickel Silver

Dimensions

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

Operation/Application

Pluggable I/O Applications	Thermally Enhanced
Heat Sink Compatible	Yes
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	Internal/External EMI Springs

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: JUNE 2024 (241) 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

Compatible Parts



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



TE Part # 2829040-4
QSFP IB EDR, 30AWG, 1.0M



TE Part # 1-2300832-7
Heat Sink Clip



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



TE Part # 2829040-6
QSFP IB EDR, 30AWG, 2.0M



TE Part # 1-2304280-3
HEAT SINK, ZQSFP+ STACKED



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

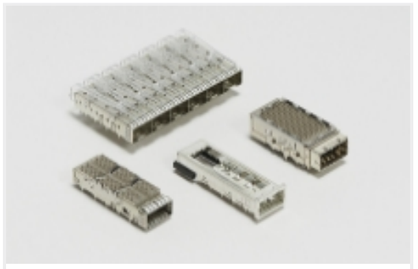


TE Part # 2829040-8
QSFP IB EDR, 26AWG, 3.0M

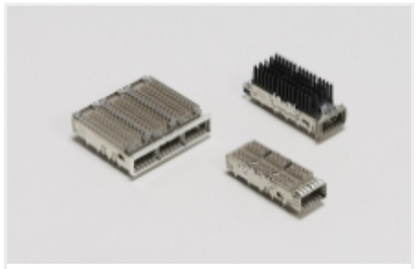
Also in the Series | zQSFP+/QSFP28



Pluggable I/O Cable Assemblies(78)

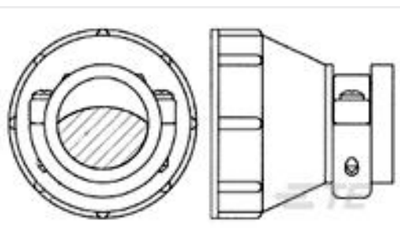


Pluggable IO Connectors & Cages(394)



QSFP, QSFP+ & zQSPF+(394)

Customers Also Bought



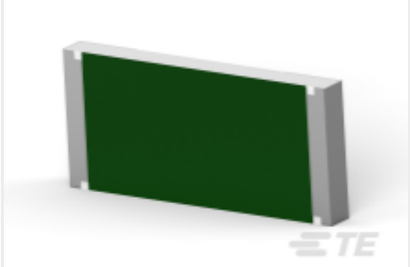
TE Part #182655-1
17 SIZE CPC STD CLAMP



TE Part #1534809-1
HD20 COVER KIT25POS WITH CABLE



TE Part #2-1879453-5
TE 1000W 100R 5% Bracket



TE Part #2176405-4
3550 470R 5%



TE Part #1393774-1
V23026A1001B201



TE Part #1393774-8
V23026A1002B201

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2299870-4_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2299870-4_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2299870-4_A.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