2227670-7 ✔ ACTIVE

zQSFP+/QSFP28

TE Internal #: 2227670-7

zQSFP+, Cage Assembly with Integrated Connector, .8mm [.032in] Centerline, Signal, Operating Temperature Range -40 – 85 °C [-40 – 185 °F]

View on TE.com >

Connectors > Pluggable IO Connectors & Cages



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

Centerline (Pitch): **.8 mm [.032 in]**

Sealable: **No**

Circuit Application: **Signal**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °F]**

Features

Product Type Features

Cage Type	Stacked
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	152
Number of Ports	4
Port Matrix Configuration	2 x 2

Electrical Characteristics

Data Rate (Max)	25 Gb/s

Contact Features

Contact Current Rating (Max)	.5 A
PCB Contact Termination Area Plating Material	Tin

Housing Features

Centerline (Pitch)	.8 mm[.032 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Signal

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 2025 (250) 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 # 2829040-2
QSFP IB EDR, 33AWG, 1.0M



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



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



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

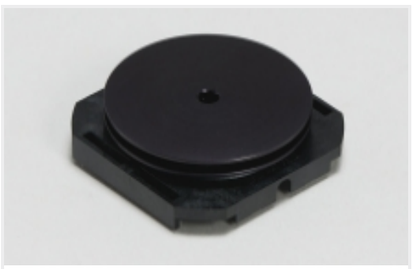


TE Part # 2829040-7
QSFP IB EDR, 26AWG, 2.0M

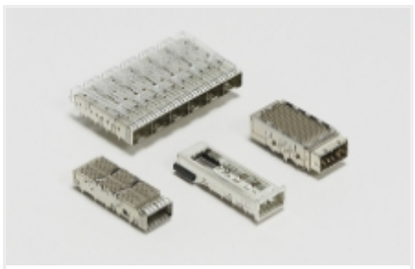


TE Part # 2829040-8
QSFP IB EDR, 26AWG, 3.0M

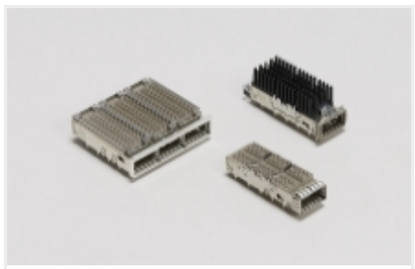
Also in the Series | zQSFP+/QSFP28



Heat Sinks(4)



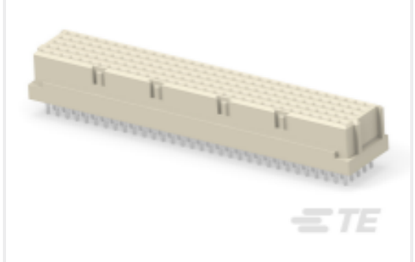
Pluggable IO Connectors & Cages(394)



QSFP, QSFP+ & zQSPF+(394)

Customers Also Bought

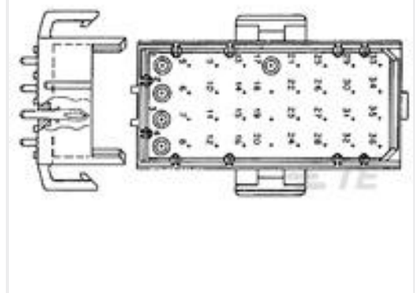
TE Part #214780-E
EPSVA KS GD-6 EE 10 3,8 SN * STROMVERSOR



TE Part #254124-E
STVE 160 F ABCDE VVVVV 7-00 EE 4,0 * 247



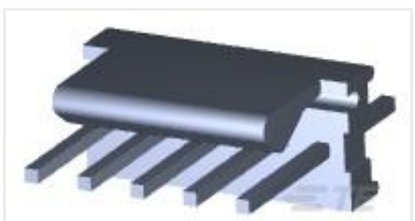
TE Part #5-103735-1
02 MTE HDR SRST LATCH .100CL



TE Part #640497-1
02P MR HDR ASSY



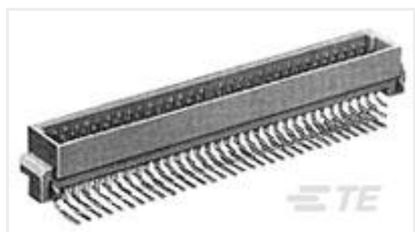
TE Part #3-641208-8
08P MTA156 HDR ASSY FL ST LF



TE Part #3-641215-5
05P MTA100 HDR ASSY FL 30AU LF



TE Part #3-644892-5
05P CST100 SHRD HDR ASSY LF



TE Part #650906-5
120 EURO TYPE C PIN ST ASSY



TE Part #2007132-1
SFP+ 1X4 Cage Assembly, Press-



TE Part #5223961-1
TE UPM R/A Header 3P STD Power, LLL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2227670-7_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2227670-7_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2227670-7_A2.3d_stp.zip

English

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Product Specifications

Application Specification

English