2170706-8 ✔ ACTIVE

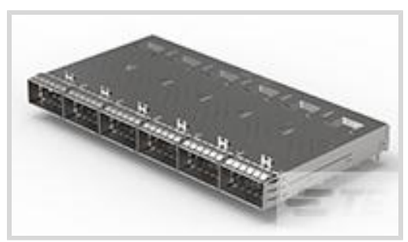
zQSFP+

TE Internal #: 2170706-8

QSFP28/56, Cage, Signal, Operating Temperature Range -40 – 85 °C [-40 – 185 °F], 6 Ports, Port Matrix Configuration 1 x 6

View on TE.com >

Connectors > Pluggable IO Connectors & Cages



Form Factor: **QSFP28/56**

Pluggable I/O Product Type: **Cage**

Sealable: **No**

Circuit Application: **Signal**

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

Features

Industry Standards

UL Flammability Rating	UL 94V-0

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.05 mm[.081 in]

Dimensions

PCB Thickness (Recommended)	2.2 mm[.086 in]

Contact Features

PCB Contact Termination Area Plating Material	Tin

Housing Features

Cage Material	Nickel Silver

Packaging Features

Packaging Method	Box & Tray

Configuration Features

Number of Rear EONs per Port Column	0
Number of Ports	6
Port Matrix Configuration	1 x 6

Operation/Application

Heat Sink Compatible	No

Circuit Application	Signal

Product Type Features

Cage Type	Ganged
Form Factor	QSFP28/56
Pluggable I/O Product Type	Cage
Sealable	No

Usage Conditions

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

Other

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 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

Product Compliance Disclaimer

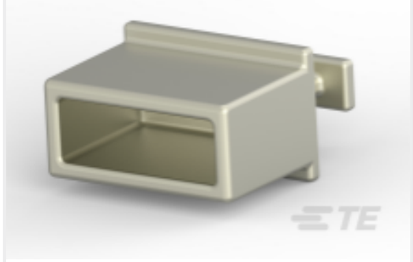
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

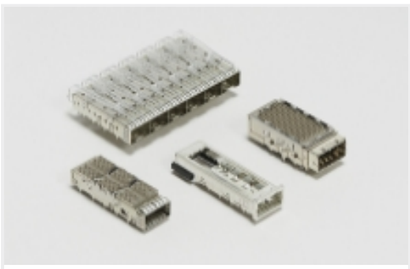


TE Part # 1551920-2
zQSFP+ connector assembly

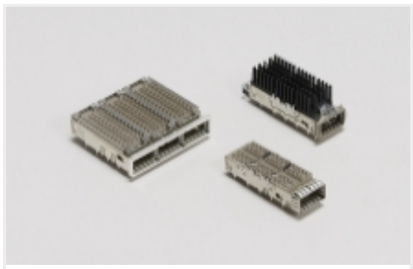


TE Part # 1888810-2
EMI/Dust Cover,XFP And QSFP

Also in the Series | zQSFP+



Pluggable IO Connectors & Cages(4)

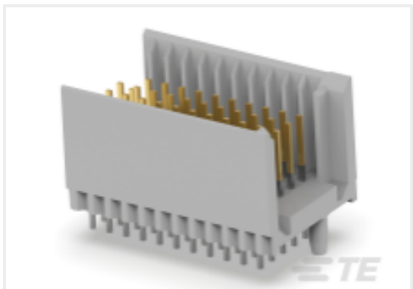


QSFP, QSFP+ & zQSPF+(4)

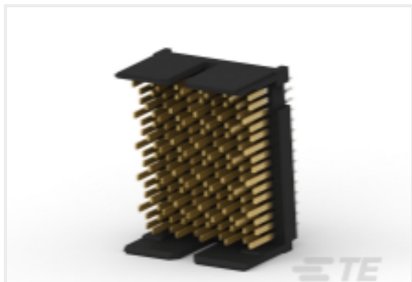
Customers Also Bought



TE Part #2132423-1
IMP100O,R,RA3P6C,RG,39



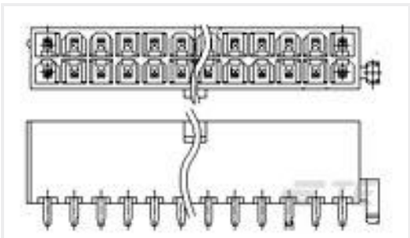
TE Part #2170872-1
Z-PACK TYPE/C MALE HDR 55P



TE Part #1934937-1
Tinman 5pr 10col open hdr assy



TE Part #2-1734774-1
PCI EXP 3.1L 98 POS WHT 30u"



TE Part #3-1775099-5
ATX PWR CONN 1 BDLK 14 POS



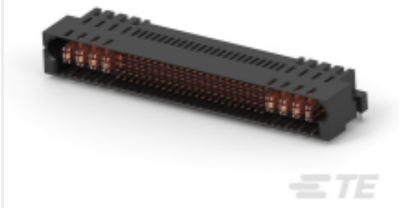
TE Part #5-2170790-4
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP



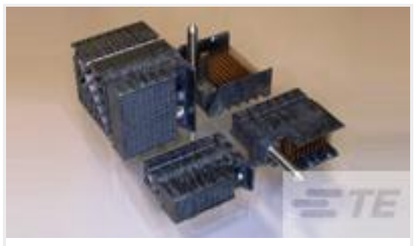
TE Part #6-1658043-2
MSB0.80RC-ASY080FL,GP,F,-TR



TE Part #6450834-1
MBXL R/A HDR STR 1P/8S/1P



TE Part #2-2204910-5
MBXLE R/A HEADER 4HDP + 92S + 4HDP



TE Part #2007850-1
IMP100S,H,V5P10C,UG,DEW46,4.5

Documents

Product Drawings

CAGE ASSEMBLY, 1X6, QSFP28, SPRING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170706-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170706-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170706-8_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