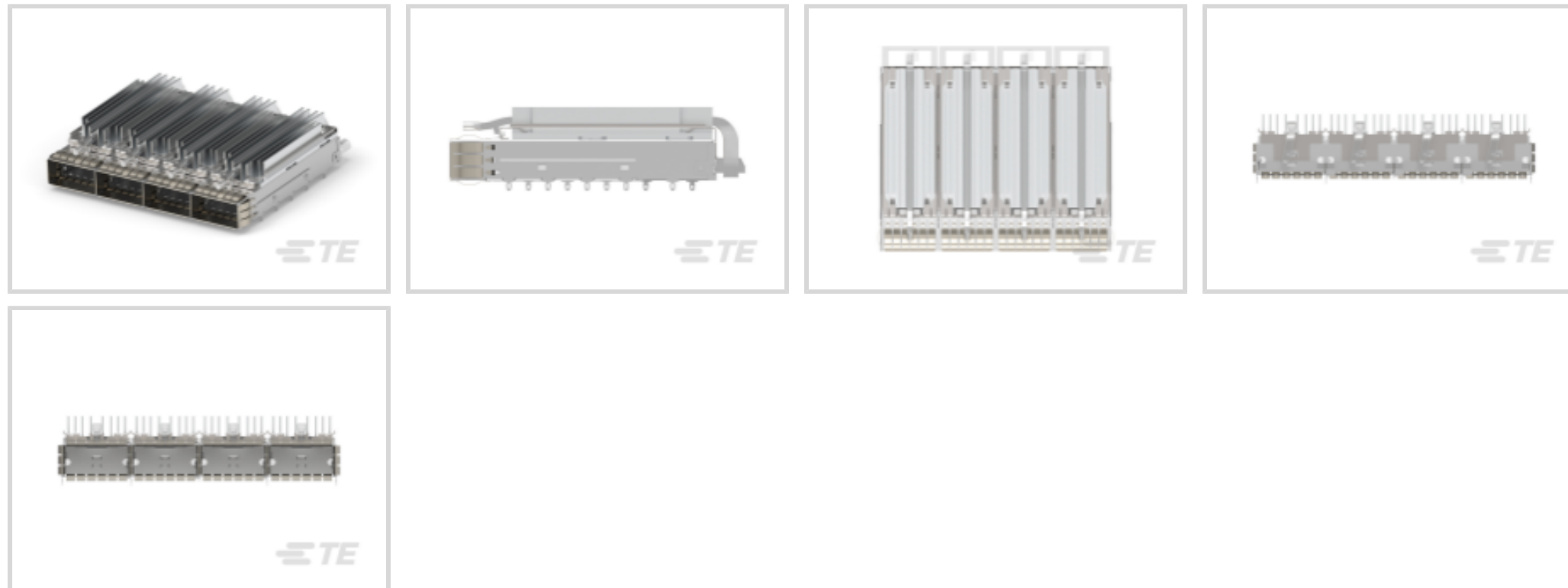




Connectors > High Speed Pluggable IO Connectors & Cages



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

Sealable: **No**

Circuit Application: **Signal**

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

Data Rate (Max): **28 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	QSFP28/56

Configuration Features

Number of Rear EONs per Port Column	0
Number of Ports	4
Port Matrix Configuration	1 x 4

Electrical Characteristics

Data Rate (Max)	28 Gb/s
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Body Features

Heat Sink Style	Pin
Heat Sink Height	8.55 mm [.336 in]
Heat Sink Height Class	Custom

Termination Features

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

Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Method	Tray
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Other

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs

Product Compliance

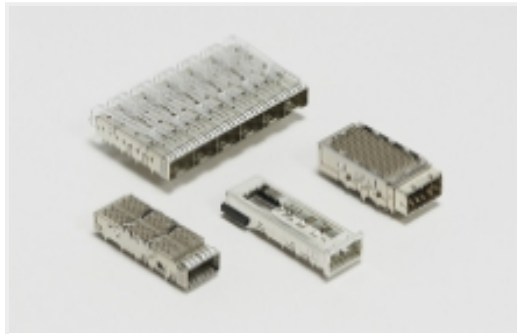
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) 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	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

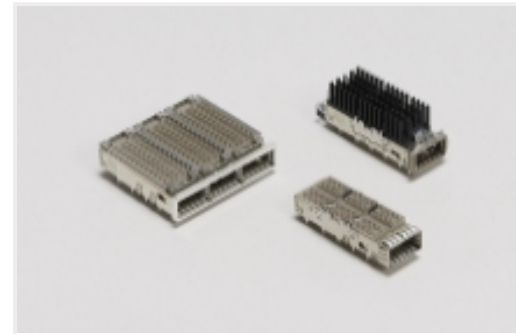
Also in the Series | zQSFP+/QSFP28



High Speed Pluggable IO Connectors & Cages(394)

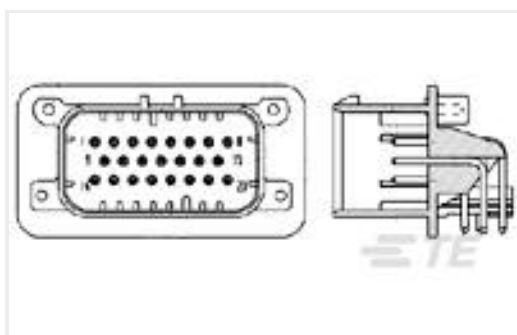


Pluggable I/O Cable Assemblies(78)



QSFP, QSFP+ & zQSFP+(394)

Customers Also Bought



TE Part #1-776087-1
23POS,PIN DIA 1.3,HDR ASSY,90DEG,
COD 1



TE Part #2-1623728-1
BCHE 11 W 470R 5%



TE Part #5-2176230-3
3522 18K 5% 3W



TE Part #2-2330552-2
ICX POINT PHM ASSY, P4

Documents

Product Drawings

CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2170747-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170747-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170747-8_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

2170747-8

CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP

