



Connectors > Pluggable IO Connectors & Cages



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

Sealable: **Yes**

Circuit Application: **Signal**

Number of Ports: **4**

Port Matrix Configuration: **1 x 4**

Features

Product Type Features

Cage Type	Ganged
Pluggable I/O Product Type	Cage
Sealable	Yes
Form Factor	QSFP+

Configuration Features

Number of Rear EONs per Port Column	2
Number of Ports	4
Port Matrix Configuration	1 x 4

Contact Features

PCB Contact Termination Area Plating Material	Tin
---	-----

Termination Features

Termination Post & Tail Length	2.2 mm[.086 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Housing Features

Cage Material	Nickel Silver
---------------	---------------

Dimensions

PCB Thickness (Recommended)	1.45 mm[.057 in]
-----------------------------	------------------



Operation/Application

Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
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	Elastomeric 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: JAN 2024 (240) Candidate List Declared Against: JAN 2021 (211) 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 # CAT-C11-H50111
QSFP-Four SFP+ I/O Cable Assembly
30 AWG

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

TE Part # 1-2053638-6
C/A, QSFP, 0.5M, P1-P2,
UNEQUALIZED

TE Part # CAT-C11-H5011
QSFP-Four SFP+ I/O Cable Assembly
28 AWG

TE Part # CAT-C11-H5011142
QSFP to QSFP I/O Cable Assembly: 33
AWG

TE Part # 2202165-4
QSFP TO QSFP, 26AWG, FDR, 4.0
METER

TE Part # 2202165-5
QSFP TO QSFP, 26AWG, FDR, 5.0
METER

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

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

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

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

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

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

Also in the Series | QSFP/QSFP+

Heat Sinks(1)

Light Pipes(8)

Pluggable I/O Cable Assemblies(19)

Pluggable IO Connectors & Cages(154)



Customers Also Bought



TE Part # 1888247-1
20 POS SMT CONN, SFP/SFP+, 30A



TE Part # 5-146280-2
02 MODII HDR SRST B/A .100CL



TE Part # 1934226-1
Tin man Recpt Assy3pair8 Colum



TE Part # 2170088-1
ZSFP+ Connector,30u"



TE Part # 2170378-2
1X4 QSFP KIT ASSY LP&HS



TE Part # 2100870-1
C/A, SFP+, 1M 30AWG, JUNIPER



TE Part # 2100870-3
C/A, SFP+, 7M 24AWG, JUNIPER



TE Part # 2100870-4
C/A, SFP+, 5M 24AWG, JUNIPER



TE Part # 2143313-2
IMP100S,H,RA2P16C,LG,OEW39,4.9

Documents

Product Drawings
1X4 CAGE ASSEMBLY, THRU BEZEL, QSFP
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2170288-1_3.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2170288-1_3.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2170288-1_3.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Product Specifications

Product Specification

English