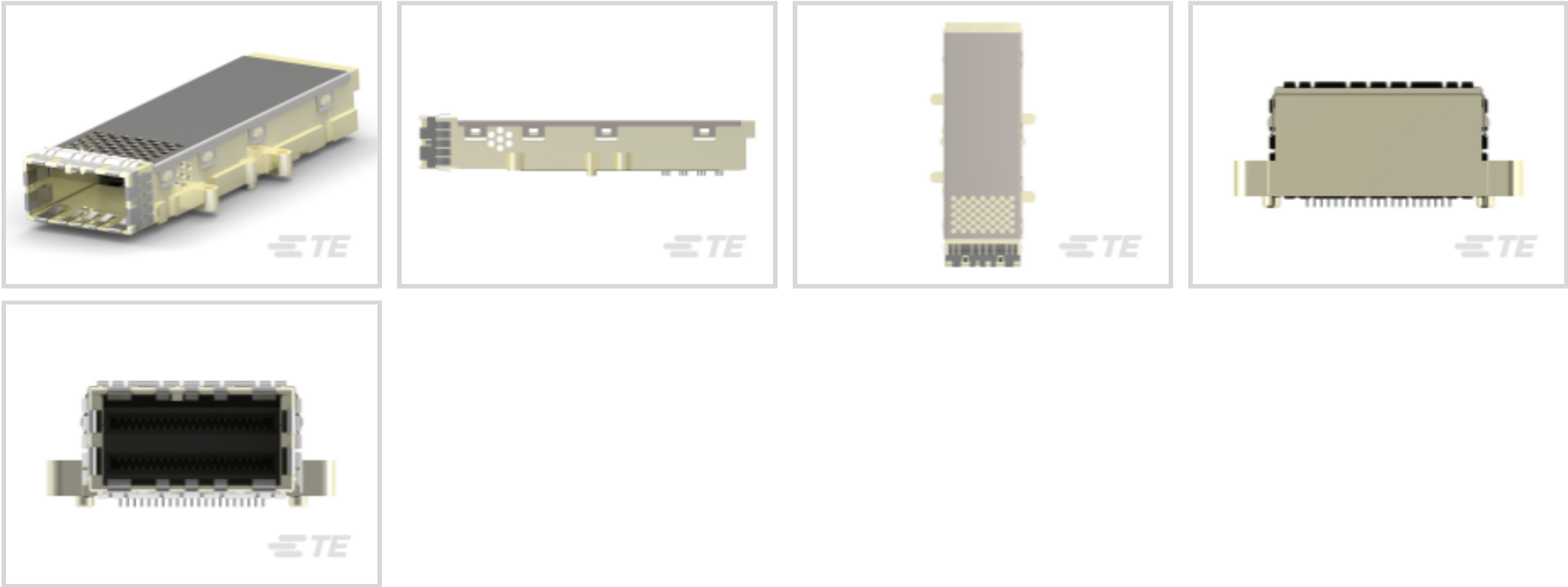




Connectors > Pluggable IO Connectors & Cages > CXP Receptacle Kits



Form Factor: CXP

Pluggable I/O Product Type: Receptacle Assembly

Centerline (Pitch): .03 mm [.8 in]

Circuit Application: Signal

Data Rate (Max): 125 Gb/s

[All CXP Receptacle Kits \(0\)](#)

Features

Product Type Features

Cage Type	Single
Form Factor	CXP
Pluggable I/O Product Type	Receptacle Assembly

Configuration Features

Number of Positions	84
Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	125 Gb/s
-----------------	----------

Body Features

Cage Plating Material	Tin over Nickel
Primary Product Plating Material	Tin over Nickel

Contact Features

--	--



Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Base Material	Copper Alloy

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
---------------------------	--------------------------

Mechanical Attachment

PCB Mounting Style	Double-Sided (Belly-to-Belly)
--------------------	-------------------------------

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.03 mm[.8 in]

Dimensions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	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: JAN 2025 (247) 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

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>

Customers Also Bought



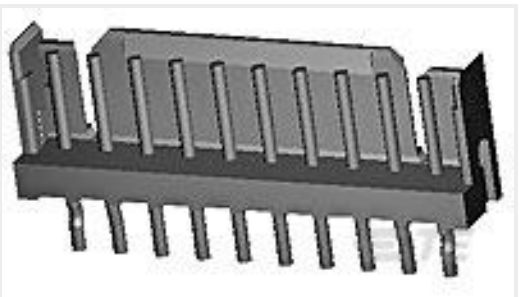
TE Part #2143012-3
IMP100S,H,RA2P10C,UG,OEWS39,5.5



TE Part #1-2041035-4
RJ45 8P8C non-SHD P-GND T/D 50u" Au



TE Part #2110820-5
SFP assy 2x2 Spring Fingers 4 LP Sn



TE Part #292145-6
CT P/HDR ASSY V 6P W/O KINK NA



TE Part #2-6450880-4
MBXLE R/A RCPT 4P16S4P



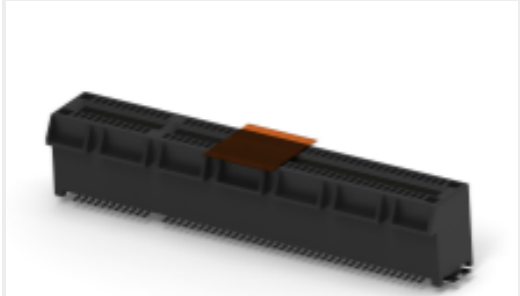
TE Part #2110570-1
SFP+ 1x4 Cage Assembly Square Light Pipe



TE Part #2007870-1
IMP100S,H,V5P16C,UG,DEWS39,4.5



TE Part #2041035-4
RJ45 8P8C SHD P-GND T/D 50u" Au



TE Part #5-2337939-3
PCIE GEN4 CON,SMT,98POS,30u", MYLAR,HT



TE Part #2057430-1
IMP100S,H,V2P10C,UG,OEWS39,4.5

Documents

CAD Files



3D PDF

3D

Customer View Model

ENG_CVM_CVM_2149731-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2149731-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2149731-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1-1773717-7_PLUGGABLE_IO_ORG_CN

English

1-1773717-8_PLUGGABLEIO_ORG_TCN

English

1-1773717-9_HIGH_SPEED_IO_ORG_JA

English

3-1773462-5_CXP_PLUGGABLE_IO_INTERCONNECT

English

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English