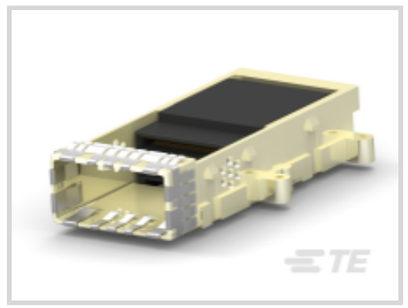
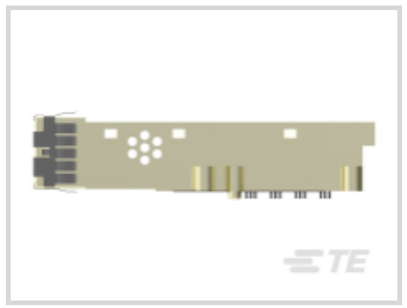
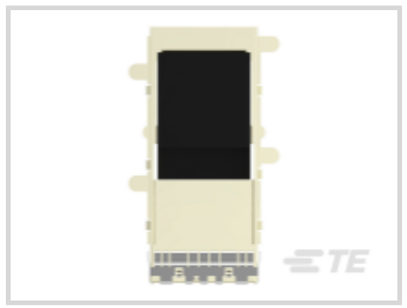
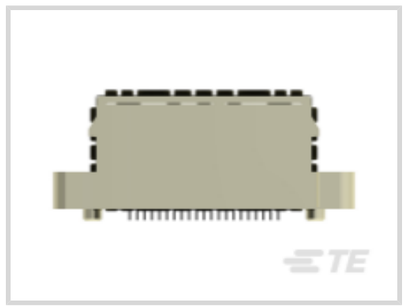
2149701-1 × OBSOLETE

TE Internal #: 2149701-1

TE Internal Description: Receptacle Assembly

View on TE.com >

Connectors > Pluggable IO Connectors & Cages


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

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

Circuit Application: **Signal**

Data Rate (Max): **125 Gb/s**

Number of Positions: **84**

Features

Product Type Features

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

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
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	Box & 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: JUNE 2025 (250) Candidate List Declared Against: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed
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

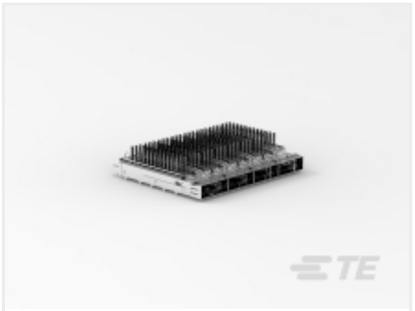
Customers Also Bought



TE Part #2-644489-6
06P MTA100 SHRD HDR R/A 30AU L



TE Part #6-1761612-3
STEP-Z PLUG 13MM 104P LF ST



TE Part #2170747-3
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP



TE Part #2198232-3
SFP+ Enhanced 1x2, Network Heatsink, LP



TE Part #748026-1
15 PLUG SP/FMS (IN,SL)



TE Part #2007668-1
1x4 QSFP Cage Assy Behind Bzl, LP Holder



TE Part #2149733-1
Receptacle Assembly



TE Part #2143019-2
IMP100S,H,RA2P10C,RG,LEW39,4.9



TE Part #1-2319764-6
E STACK PIANO 2P G SHORT TUBE PD OFF



TE Part #1-87232-1
11 MODII HDR SRRA UNSHRD .100

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2149701-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2149701-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2149701-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773717-8_PLUGGABLEIO_QRG_TCN

English

3-1773462-5_CXP_PLUGGABLE_IO_INTERCONNECT

English

1-1773717-7_PLUGGABLE_IO_QRG_CN

English

1-1773717-9_HIGH_SPEED_IO_QRG_JA

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English