2170409-5 ✔ ACTIVE

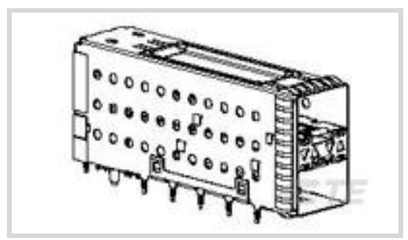
HSIO

TE Internal #: 2170409-5

SFP+, Cage Assembly with Integrated Connector, .8mm [.032in] Centerline, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F]

View on TE.com >

Connectors > High Speed Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Centerline (Pitch): **.8 mm [.032 in]**

Sealable: **No**

Circuit Application: **Signal**

Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Features

Product Type Features

Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	No
Form Factor	SFP+

Configuration Features

Number of Positions	40
Number of Ports	2
Port Matrix Configuration	2 x 1

Electrical Characteristics

Data Rate (Max)	16 Gb/s

Contact Features

Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	3 mm[.118 in]

Housing Features

Cage Material	Nickel Silver
Centerline (Pitch)	.8 mm[.032 in]

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Pluggable I/O Applications	SFP+ Thermally Enhanced
Heat Sink Compatible	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

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: JUNE 2025 (250) 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

Compatible Parts



TE Part # 2127933-3
C/A, SFP+, GENERIC, 2.0M



TE Part # 2334236-6
QSFP TO [4]SFP25GIG 30AWG 3 METER



TE Part # 2334878-8
QSFP TO [4]SFP 25GIG 26AWG 4 METER



TE Part # 2127932-6
C/A, SFP+, GENERIC, 5.0M



TE Part # 2127931-3
C/A, SFP+, GENERIC, 2.0M



TE Part # 4-2334236-2
QSFP TO [4]SFP 56GIG 30AWG 1 METER



TE Part # 4-2821224-5
SFP56 DIRECT ATTACH CA, 3M, 26AWG



TE Part # 4-2334236-4
QSFP TO [4]SFP 56GIG 30AWG 2 METER



TE Part # 2821222-1
SFP28 DIRECT ATTACH CA, 3M, 30AWG



TE Part # 2127932-1
C/A, SFP+, GENERIC, 0.5M



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



TE Part # 4-2334878-6
QSFP TO [4]SFP 56GIG 26AWG 3 METER



TE Part # 4-2334878-4
QSFP TO [4]SFP 56GIG 26AWG 2 METER



TE Part # 4-2334985-2
SFP56 DIRECT ATTACH CA, 1M, 32AWG



TE Part # 2127932-4
C/A, SFP+, GENERIC, 3.0M



TE Part # 2127933-6
C/A, SFP+, GENERIC, 5.0M



TE Part # 2127932-5
C/A, SFP+, GENERIC, 4.0M



TE Part # 2127931-2
C/A, SFP+, GENERIC, 1.0M



TE Part # 2127933-4
C/A, SFP+, GENERIC, 3.0M



TE Part # 2127932-3
C/A, SFP+, GENERIC, 2.0M

Customers Also Bought



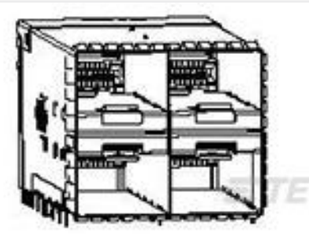
TE Part #1551920-2
zQSFP+ connector assembly



TE Part #2-1926739-5
AssyMinipak Hdl25s10pRARecptSc



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



TE Part #2198325-5
zSFP+ STACKED 2X2 RECEPTACLE ASSEMBLY



TE Part #2227669-1
zQSFP+ STACKED RECEPTACLE ASSEMBLY 2X1



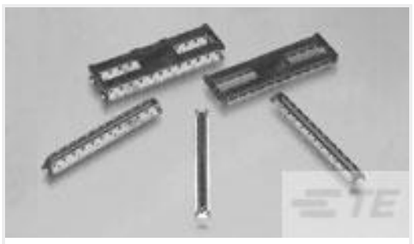
TE Part #2289129-2
ZQSFP+ CAGE& CONN 2X2, EMI SPRING, 4 LP



TE Part #2300281-1
CAGE ASSEMBLY, 1X2, QSFP28, SPRING



TE Part #3-5177986-3
0.8FH,P08H.5,080,08/Sn,TR,SC



TE Part #3-5353652-6
.5FHP08H,440,B,GIG,08/Sn,HT,NSYes

TE Part #2180490-4
IMP,Power,4PR,R/AH,R-HLD DWN, 5.7,6.9Tin

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2170409-5_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2170409-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170409-5_B.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

Instruction Sheets

Instruction Sheet (U.S.)

English