2198230-2 ✔ ACTIVE

TE Internal #: 2198230-2

SFP+, Cage Assembly, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F], Data Rate (Max) 16 Gb/s, 2 Ports
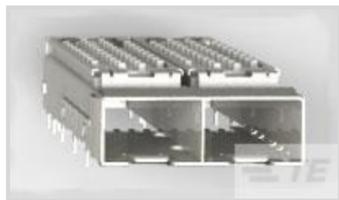
View on TE.com >

Connectors > High Speed Pluggable IO Connectors & Cages

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

Sealable: **No**

Circuit Application: **Signal**

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

Data Rate (Max):   **16 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	SFP+

Configuration Features

Number of Ports	2
Port Matrix Configuration	1 x 2

Electrical Characteristics

Data Rate (Max)	16 Gb/s

Body Features

	.256 in
Heat Sink Style	Pin
Heat Sink Height Class	SAN

Termination Features

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

Housing Features

Cage Material	Nickel Silver

Dimensions

PCB Thickness (Recommended)	2.25 mm[.089 in]

Usage Conditions

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

Operation/Application

Pluggable I/O Applications	SFP+ Enhanced
Heat Sink Compatible	Yes
Circuit Application	Signal

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	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	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

Compatible Parts

TE Part # 2821033-8

QSFP TO [4]SFP+, 28G, 1M, 33AWG

TE Part # 2142970-6

CABLE ASSY, MICRO SFP+ TO STD SFP+, 5M

TE Part # 2142970-5

CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M

TE Part # CAT-C11-H506

SFP+ to SFP+ I/O Cable Assembly: 26 AWG

TE Part # 4-2334985-2

SFP56 DIRECT ATTACH CA, 1M, 32AWG

TE Part # CAT-C11-H50626

SFP+ to SFP+ I/O Cable Assembly: 30 AWG

TE Part # 2142970-1

CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M

TE Part # 2110759-1

PT CONN ASSY 20 POS 16G SFP

TE Part # CAT-C11-N490325

QSFP28-Four SFP+ Cable Assembly: 26 AWG

TE Part # CAT-C11-N490333

QSFP28-Four SFP+ Cable Assembly: 30 AWG

TE Part # 2142970-3

CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M

TE Part # CAT-Q17-N490333

QSFP56-Four SFP56 Cable Assembly: 26 AWG

TE Part # 2185213-5

ASSY, STG TL KIT, SFP+ENHANCED

TE Part # 2142970-7

CABLE ASSY, MICRO SFP+ TO STD SFP+, 6M

TE Part # CAT-C11-N4901114

SFP28 to SFP28 Cable Assembly: 30 AWG

TE Part # 4-2821222-5

SFP56 DIRECT ATTACH CA, 2M, 30AWG

TE Part # 2007182-1

SFP Standard 1x2 Light Pipe Assm

TE Part # CAT-C11-H5062

SFP+ to SFP+ I/O Cable Assembly: 28 AWG

TE Part # 2142970-2

CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M

TE Part # 2142970-4

CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M

Customers Also Bought

TE Part #2-1879208-5

CPF 0402 100R 0.1% 25PPM 1K RL

TE Part #8-1879208-0

CPF 0402 20K 0.1% 25PPM 1K RL

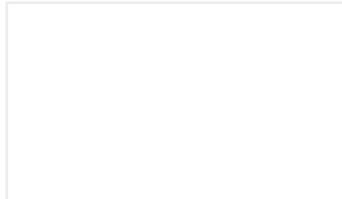TE Part #9-1879208-9

CPF0402 150K 0.1% 25PPM 5K RL

TE Part #1879215-7

CPF 0402 4K64 0.1% 25PPM 1K RL

TE Part #1888653-3

2X1 OFFSET ST/JK WITH LEDS

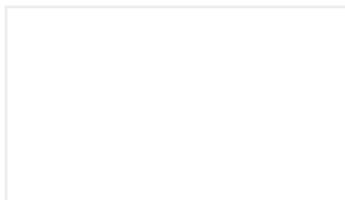TE Part #6-2176455-5

CPF 0402 511K 0.1% 25ppm 1K RL

TE Part #2299940-6

ZQSFP+ STACKED REC ASSEMBLY 2X1,HS

TE Part #2309409-1

DDR4 SODIMM 260P 5.2H STD

TE Part #6469001-1

HM-ZD 4PR RECP 80P

TE Part #164307-E

ERMBGR FBUK GSE * M4 9999 ERMET-BAUSATZ

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2198230-2_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2198230-2_A.3d_igs.zip

English

Customer View Model

[ENG_CVM_CVM_2198230-2_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English