2198231-1 × OBSOLETE

TE Internal #: 2198231-1

TE Internal Description: SFP+ Enhanced 1x2, PCI Heatsink, LP

View on TE.com >

Connectors > 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

Lightpipe Style	Reduced Length
Number of Ports	2
Port Matrix Configuration	1 x 2

Electrical Characteristics

Data Rate (Max)	16 Gb/s

Body Features

	.165 in
Heat Sink Style	Pin
Heat Sink Height Class	PCI

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	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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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

Customers Also Bought



TE Part #1734100-3
Champ050 series,30pos,Au over PdNi



TE Part #1734101-3
Champ050 series,30pos,Au over PdNi



TE Part #1-1871058-5
PCI EXPRESS CONN. EON TYPE, 280P, L=3.25



TE Part #1934949-1
Tinman 5pr 8col vert recpt 15mm stack



TE Part #2132529-3
IMP100S,H,V3P6C,LG,REW39,5.5



TE Part #1-2170287-1
1X4 CAGE ASSEMBLY, QSFP,SINGLE SQ LP



TE Part #6-2213362-2
RCPT ASSY,DIMMABLE PHOTOCONTROL,150C,3 P



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



TE Part #5-1375870-4
RCPT ASSY,12 POS,VERT,0.8MM MI



TE Part #2007808-2
IMP100S,H,V4P10C,LG,OEW46,4.9

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2198231-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2198231-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2198231-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English