2325864-2 ✔ ACTIVE

HSIO | SFP56

TE Internal #: 2325864-2

SFP-DD, Connector, .8mm [.031in] Centerline, Sealable, High Speed Data, Operating Temperature Range -55 – 85 °C [-67 – 185 °F]

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Connectors > Pluggable IO Connectors & Cages







Pluggable I/O Product Type: **Connector**

Centerline (Pitch): **.8 mm [.031 in]**

Sealable: **Yes**

Circuit Application: **High Speed Data**

Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**

Features

Product Type Features

Pluggable I/O Product Type	Connector
Sealable	Yes
Form Factor	SFP-DD

Configuration Features

Number of Positions	40
Number of Ports	1

Electrical Characteristics

Data Rate (Max)	56 Gb/s

Contact Features

Contact Current Rating (Max)	.5 A
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Tail Plating Material	Tin
PCB Contact Termination Area Plating Material	Tin

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to PCB	Surface Mount

Housing Features

Centerline (Pitch)	.8 mm[.031 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Pluggable I/O Applications	SFP-DD
Circuit Application	High Speed Data

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape

Other

Included Lightpipe	No

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 reviewed 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 # 2365464-4
CAGE ASSEMBLY W/ HS ,SFP-DD 1X6

TE Part # 2374733-2
CAGE ASSEMBLY W/ HS,SFP-DD 1X1, PCIE, LP

TE Part # 2365464-3
CAGE ASSEMBLY W/ HS ,SFP-DD 1X6, NET

TE Part # 2364488-4
CAGE ASSEMBLY WITH SPRING ,SFP-DD 1X8

TE Part # 2365464-2
CAGE ASSEMBLY W/ HS ,SFP-DD 1X6, SAN

TE Part # 2352285-1
CAGE ASSY W/ HS,SFP-DD 1X1, PCI, T/H

TE Part # 2345281-2
CAGE ASSEMBLY W/ SPRING,SFP-DD 1X1, PCI

TE Part # 2354716-1
CAGE ASSEMBLY W/ HS, LP, SFP-DD 1X1, STD

TE Part # 2359629-1
CAGE ASSEMBLY W/HS ,SFP-DD 1X8

TE Part # 1-2344508-1
CAGE ASSEMBLY WITH SPRING ,SFP-DD 1X4

TE Part # 2352281-2
CAGE ASSY W/ SPRING,SFP-DD 1X1, PCI, T/H

TE Part # 2335809-2
CAGE ASSEMBLY WIHT SPRING,SFP-DD 1X1



TE Part # 2335809-1
CAGE ASSEMBLY WIHT SPRING,SFP-DD 1X1



TE Part # 2345214-1
CAGE ASSEMBLY WITH SPRING ,SFP-DD 1X6



TE Part # 2364706-1
CAGE ASSEMBLY W/ LP HS ,SFP-DD 1X6, GM

TE Part # 2352214-1
CAGE ASSEMBLY W/ HS,SFP-DD 1X1, T/H

TE Part # 2374733-1
CAGE ASSEMBLY W/ HS,SFP-DD 1X1, PCIE, LP

TE Part # 2352210-2
CAGE ASSEMBLY WIHT SPRING,SFP-DD 1X1 T/H

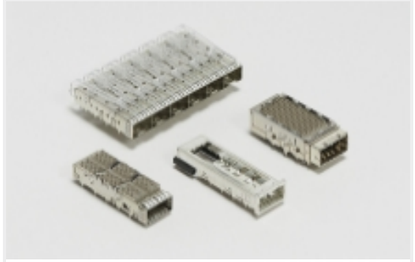
TE Part # 2352210-1
CAGE ASSEMBLY WIHT SPRING,SFP-DD 1X1 T/H

TE Part # 2345289-1
CAGE ASSEMBLY W/ HS,SFP-DD 1X1, PCI

Also in the Series | SFP56



Pluggable I/O Cable Assemblies(17)



Pluggable IO Connectors & Cages(53)

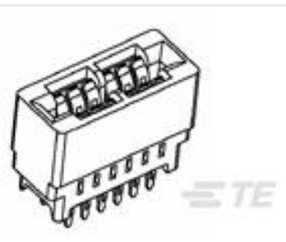
Customers Also Bought



TE Part #553443-4
ASSY RCPT,ACTION PIN,CHAMP-LOK



TE Part #1415898-2
RTS3TA12



TE Part #1888946-1
CONNECTOR ASSEMBLY, SEC II POWER, DUAL P



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



TE Part #2170790-1
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP



TE Part #2227838-7
2X12 ZSFP+ CONNECTOR ASSEMBLY



TE Part #2369317-1
16G 05FH 8H plug aassy 440POS 8u" Au



TE Part #5535032-4
ASSY,RECEPTACLE,EUROCARD,TYPE

TE Part #2274001-3
ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT

TE Part #2302014-1
ZSFP+ 1X8 CAGE ASSY, PRESS-FIT, LP, HS

Documents

Product Drawings

SFP-DD RECEPTACLE W HOLD DOWNS ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2325864-2_10.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2325864-2_10.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2325864-2_10.3d_stp.zip

English

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Product Specifications

Application Specification

English