2344508-1 ✔ ACTIVE

HSIO | SFP56

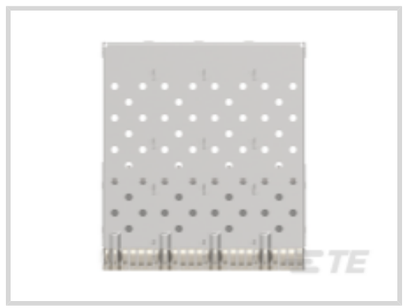
TE Internal #: 2344508-1

SFP-DD, Cage Assembly, 14.25mm [.56in] Centerline, High Speed Data, Operating Temperature Range -55 – 85 °C [-67 – 185 °F], Data Rate (Max) 56 Gb/s

View on TE.com >

Connectors > High Speed Pluggable IO Connectors & Cages







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

Centerline (Pitch): **14.25 mm [.56 in]**

Circuit Application: **High Speed Data**

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

Data Rate (Max): **56 Gb/s**

Features

Product Type Features

Cage Type	Ganged
Pluggable I/O Product Type	Cage Assembly
Form Factor	SFP-DD

Configuration Features

Number of Positions	40
Number of Ports	4
Port Matrix Configuration	1 x 4

Electrical Characteristics

Data Rate (Max)	56 Gb/s

Termination Features

Termination Method to PCB	Through Hole - Press-Fit

Housing Features

Cage Material	Stainless Steel

Centerline (Pitch)	14.25 mm[.56 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

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 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 # 2325864-1
SFP-DD RECEPTACLE ASSEMBLY

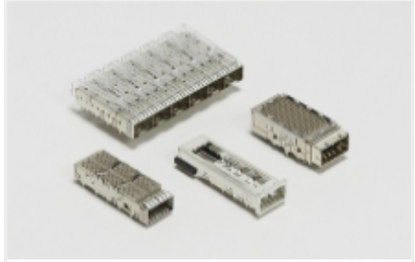


TE Part # 2362145-1
ASSY, SEATING TOOL KIT CDQ 1X4



TE Part # 2325864-2
SFP-DD RECEPTACLE W HOLD DOWNS ASSEMBLY

Also in the Series | SFP56



High Speed Pluggable IO Connectors & Cages(53)



Pluggable I/O Cable Assemblies(17)

Customers Also Bought



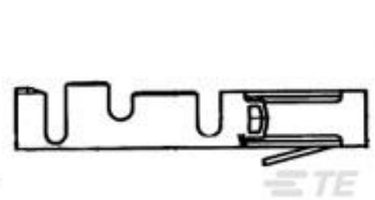
TE Part #87224-1
01 MODII HDR SRST UNSHRD .100



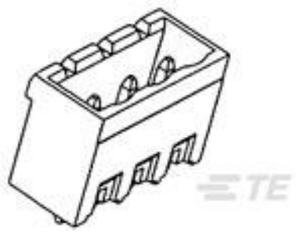
TE Part #5-102202-1
04 MODII HDR SRST SHRD LF



TE Part #8-102202-4
03 MODII HDR SRST SHRD LF



TE Part #280530-4
MOD2 BUCHSE



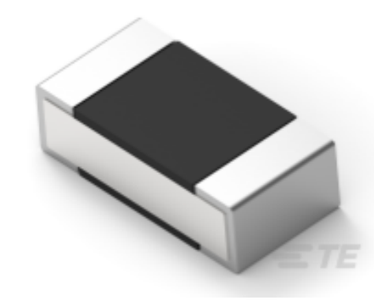
TE Part #282828-4
TERMI-BLOK HEADER,ASSY90 4P.



TE Part #2-1437667-5
4DB-P108-03=4DB ASSEMBLY



TE Part #1977223-6
FSM2JSMAASTR=6MM TACT SWITCH,



TE Part #1-2176308-4
RP 1E 0.1W 182K 0.1% 25PPM 5K RL



TE Part #3-2176343-3
CRGCQ 1206 4K7 1%

TE Part #6-1768383-4
LBF-2000P-RIBBON-1966-MED

Documents

Product Drawings

CAGE ASSEMBLY WITH SPRING ,SFP-DD 1X4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2344508-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2344508-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2344508-1_A.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