2198483-1 ✔ ACTIVE

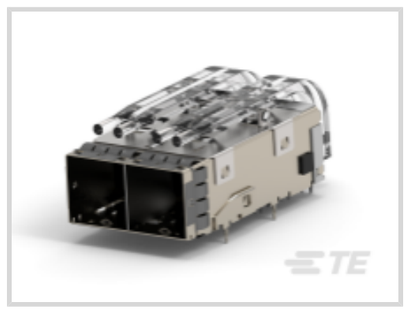
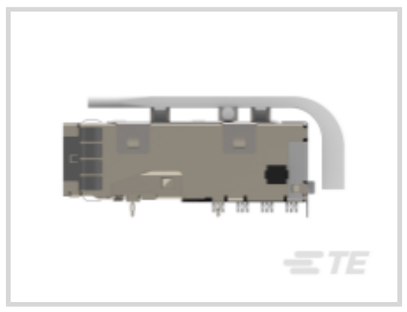
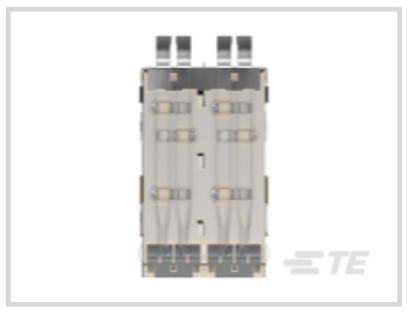
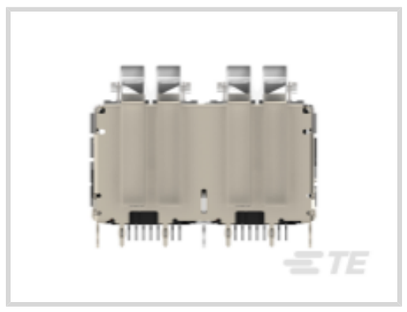
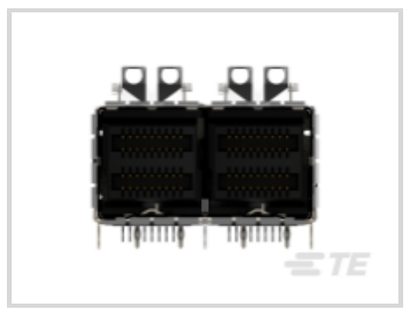
Mini-SAS HD

TE Internal #: 2198483-1

Mini-SAS HD, Mini-SAS Cages, 2 Port, Included Lightpipe, Cable-to-Board, 72 Position, .03mm [.75in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > Mini-SAS Cages > Mini-SAS HD Cages

Number of Ports: **2**

Included Lightpipe: **Yes**

Connector System: **Cable-to-Board**

Number of Positions: **72**

Centerline (Pitch): **.03 mm [.75 in]**

All Mini-SAS HD Cages (12)

Features

Product Type Features

Connector Style	Receptacle
Product Type	Receptacle Assembly
Connector Type	Mini-SAS HD
Product Grouping	Mini-SAS HD
Shell	With
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Ports	2
Number of Positions	72

Contact Features

Contact Base Material	Copper Alloy

Termination Features

PCB Termination	Through Hole - Press-Fit
Termination Post Length	1.64 mm[.065 in]

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	M2 Screw

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Housing Color	Black
Centerline (Pitch)	.03 mm[.75 in]

Dimensions

PCB Thickness (Recommended)	.97 mm[.038 in]
Height Above PC Board	16.44 mm[.647 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray, Package

Other

Included Lightpipe	Yes

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

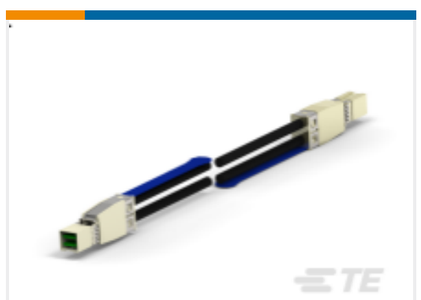
Product Compliance Disclaimer

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

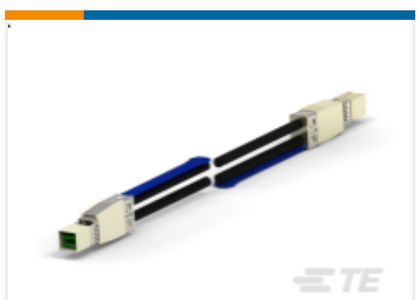
Compatible Parts



TE Part # 2-2337815-2
MINISAS HD TO MINISAS HD,28AWG, 1M



TE Part # 2-2337815-3
MINISAS HD TO MINISAS HD,28AWG, 2M



TE Part # 2-2337815-4
MINISAS HD TO MINISAS HD,28AWG, 3M



TE Part # 2-2337815-5
MINISAS HD TO MINISAS HD,28AWG, 4M



TE Part # 2-2337815-6
MINISAS HD TO MINISAS HD,28AWG, 5M



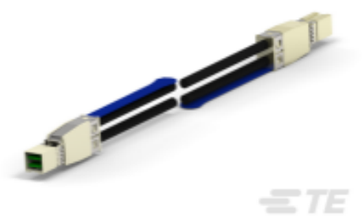
TE Part # 2337815-2
MINISAS HD TO MINISAS HD,30AWG, 1M



TE Part # 2337815-3
MINISAS HD TO MINISAS HD,30AWG, 2M



TE Part # 2337815-4
MINISAS HD TO MINISAS HD,30AWG, 3M



TE Part # 4-2337815-2
MINISAS HD TO MINISAS HD,26AWG, 1M



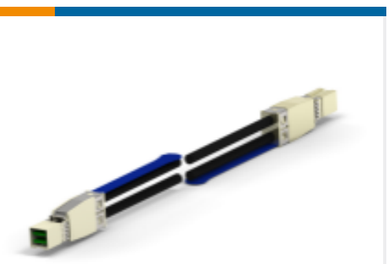
TE Part # 4-2337815-4
MINISAS HD TO MINISAS HD,26AWG, 3M



TE Part # 4-2337815-5
MINISAS HD TO MINISAS HD,26AWG, 4M



TE Part # 4-2337815-6
MINISAS HD TO MINISAS HD,26AWG, 5M



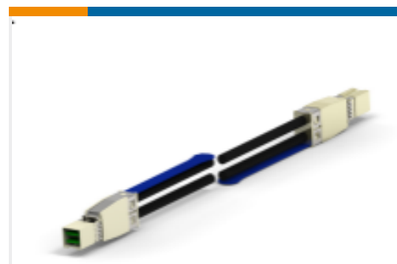
TE Part # 4-2337815-7
MINISAS HD TO MINISAS HD,26AWG, 6M



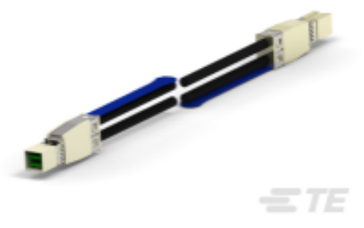
TE Part # 4-2337815-8
MINISAS HD TO MINISAS HD,26AWG, 7M



TE Part # 2-2337815-1
MINISAS HD TO MINISAS HD,28AWG, 0.5M



TE Part # 2337815-1
MINISAS HD TO MINISAS HD,30AWG, 0.5M



TE Part # 4-2337815-1
MINISAS HD TO MINISAS HD,26AWG, 0.5M



TE Part # 4-2337815-3
MINISAS HD TO MINISAS HD,26AWG, 2M

Also in the Series | Mini-SAS HD



Mini-SAS Cages(11)



Pluggable I/O Cable Assemblies(18)



SAS & MiniSAS(10)

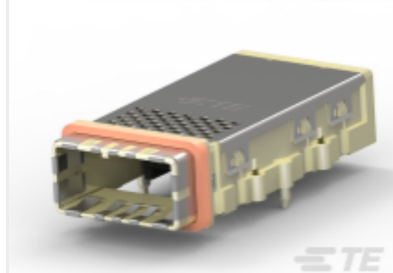


SATA & Micro SATA(1)

Customers Also Bought



TE Part #2-644489-6
Polyester Right Angle PCB Header: 2.54mm, Shrouded, With Mating Alignment



TE Part #2149733-1
CXP Receptacle Kits



TE Part #2340033-6
SFP56 Stacked Cage Assembly: EMI Spring



TE Part #1-87232-1
11 MODII HDR SRRA UNSHRD .100



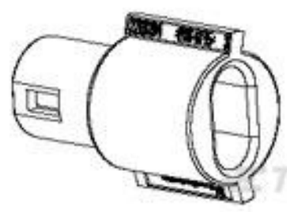
TE Part #2143019-2
IMP100S,H,RA2P10C,RG,LEW39,4.9



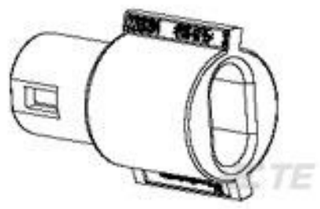
TE Part #2198232-3
SFP+ Enhanced 1x2, Network Heatsink, LP



TE Part #9-1879127-8
RN 0402 536R 0.1% 10PPM 1K RL



TE Part #2213129-1
CHASSIS MOUNT SUPPORT HSG for SPT-2



TE Part #2213143-1
CHASSIS MOUNT SUPPORT HSG for SVT

Documents

Product Drawings

MiniSAS HD 1x2 Rec Assy w/ LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2198483-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2198483-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2198483-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

7-1773461-9_MINI_SAS_HD_INTERCONNECT

English

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English