

Mini-SAS HD

TE Internal #: 2198483-1

TE Internal Description: MiniSAS HD 1x2 Rec Assy w/ LP

Mini-SAS HD Cages

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



Form Factor: **Mini-SAS HD**

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

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

Circuit Application: **Signal**

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

[All Mini-SAS HD Cages \(11\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Contact Features

Contact Base Material	Copper Alloy
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Termination Features

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

Packaging Features

Packaging Method	Box & Tray
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Dimensions

PCB Thickness (Recommended)	.97 mm[.038 in]
Profile Height from PCB	16.44 mm[.647 in]

Housing Features

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

Product Type Features

Form Factor	Mini-SAS HD
Pluggable I/O Product Type	Receptacle Assembly

Configuration Features

Number of Positions	72
Number of Ports	2
Port Matrix Configuration	1 x 2

Electrical Characteristics

Data Rate (Max)	12 Gb/s
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Usage Conditions

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

Circuit Application	Signal
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Other

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

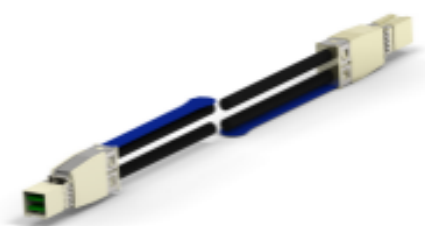
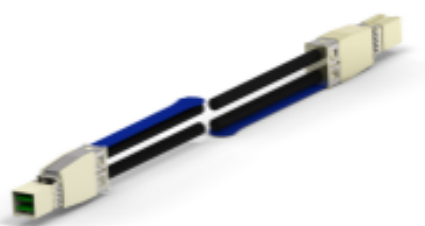
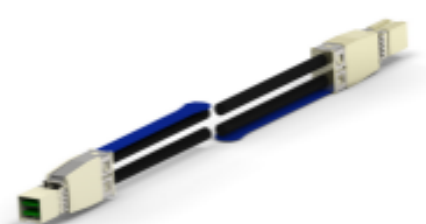
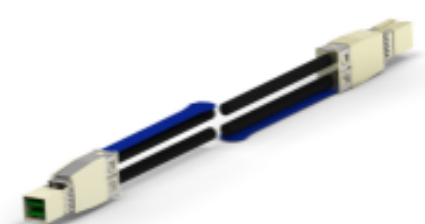
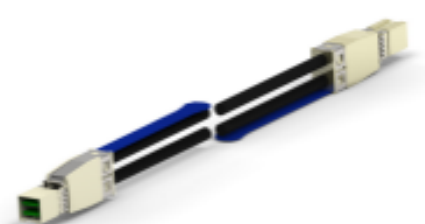
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability



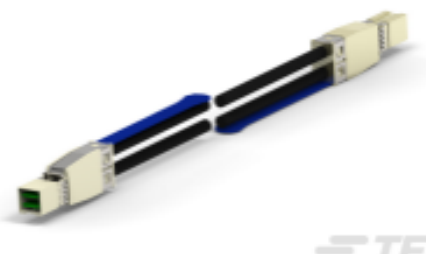
Product Compliance Disclaimer

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 # 2337815-2 MINISAS HD TO MINISAS HD,30AWG, 1M	 TE Part # 4-2337815-6 MINISAS HD TO MINISAS HD,28AWG, 5M	 TE Part # 4-2337815-8 MINISAS HD TO MINISAS HD,28AWG, 7M	 TE Part # 2-2337815-4 MINISAS HD TO MINISAS HD,30AWG, 3M
 TE Part # 2-2337815-5 MINISAS HD TO MINISAS HD,30AWG, 4M	 TE Part # 2-2337815-1 MINISAS HD TO MINISAS HD,30AWG, 0.5M	 TE Part # 2337815-4 MINISAS HD TO MINISAS HD,30AWG, 3M	 TE Part # 2-2337815-2 MINISAS HD TO MINISAS HD,30AWG, 1M
 TE Part # 2-2337815-6 MINISAS HD TO MINISAS HD,30AWG, 5M	 TE Part # 2337815-1 MINISAS HD TO MINISAS HD,30AWG, 0.5M	 TE Part # 2337815-3 MINISAS HD TO MINISAS HD,30AWG, 2M	 TE Part # 4-2337815-5 MINISAS HD TO MINISAS HD,28AWG, 4M

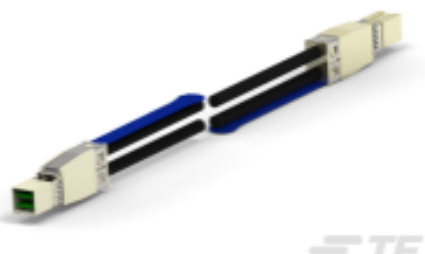




TE Part # 4-2337815-3
MINISAS HD TO MINISAS HD,28AWG,
2M



TE Part # 4-2337815-7
MINISAS HD TO MINISAS HD,28AWG,
6M



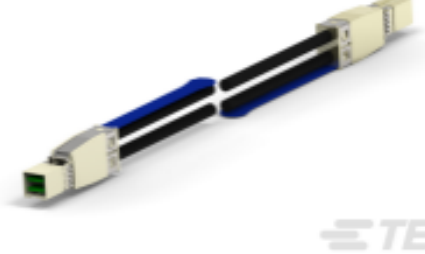
TE Part # 4-2337815-2
MINISAS HD TO MINISAS HD,28AWG,
1M



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



TE Part # 4-2337815-1
MINISAS HD TO MINISAS HD,28AWG,
0.5M

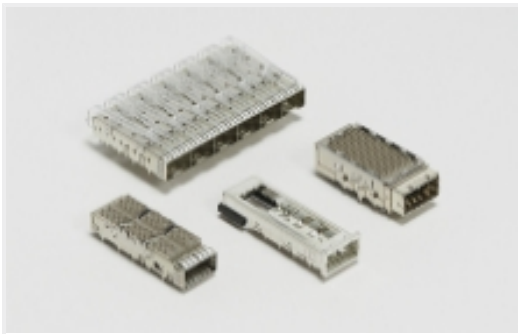


TE Part # 2-2337815-3
MINISAS HD TO MINISAS HD,30AWG,
2M

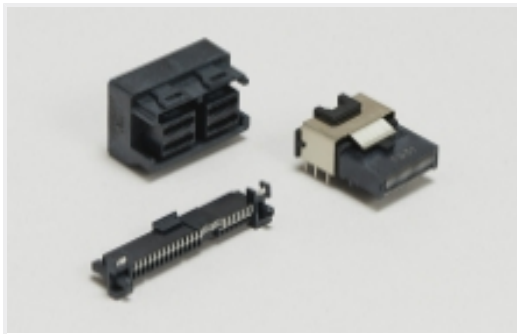
Also in the Series | Mini-SAS HD



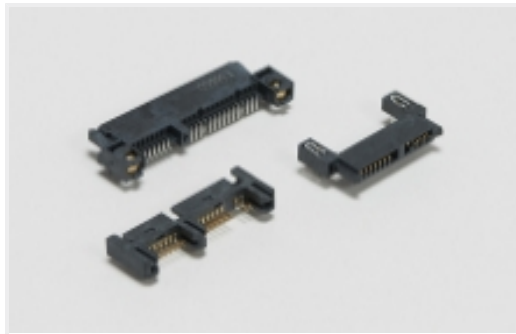
Pluggable I/O Cable Assemblies(18)



Pluggable IO Connectors & Cages(10)

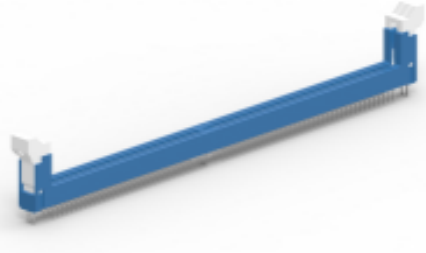


SAS & MiniSAS(10)



SATA & Micro SATA(1)

Customers Also Bought



TE Part #2308107-9
DDR4 DIMM 288 PIN TH TYPE



TE Part #2110819-1
QSFP+ Enh EVERCLEAR PT Conn

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