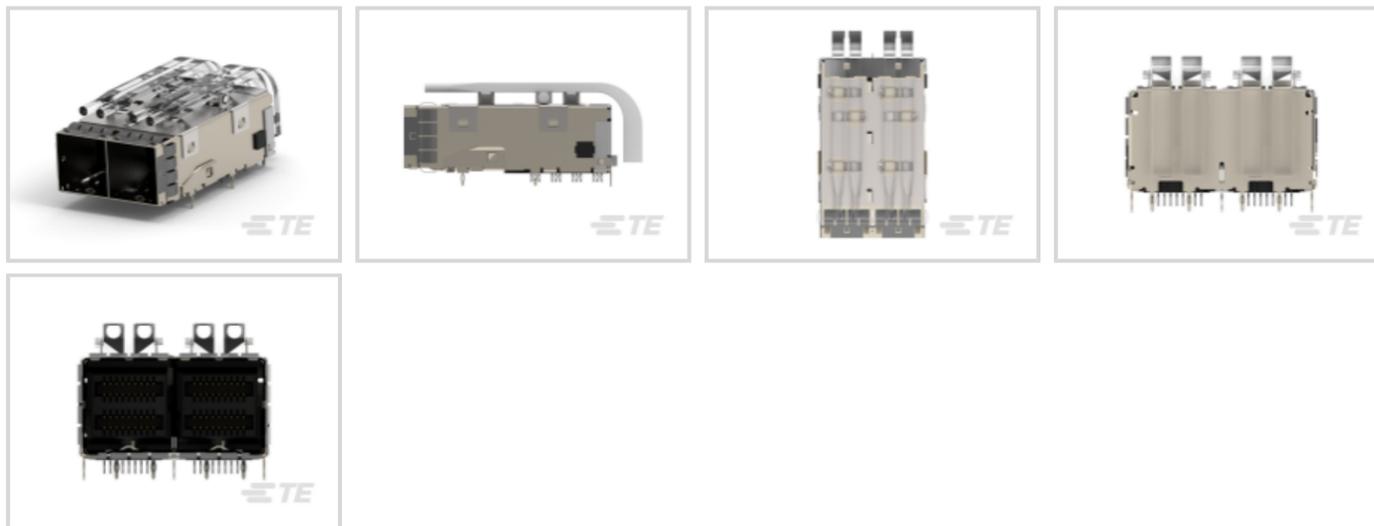# 2198483-1 ✕ OBSOLETE

Mini-SAS HD
TE Internal #: 2198483-1
TE Internal Description: MiniSAS HD 1x2 Rec Assy w/ LP
Mini-SAS HD Cages

View on TE.com >

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

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]**

Data Rate (Max): **12 Gb/s**

All Mini-SAS HD Cages (11)

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Data Rate (Max)	12 Gb/s

Contact Features

Contact Base Material	Copper Alloy

Termination Features

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

Housing Features

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

Dimensions

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

Usage Conditions

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

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	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 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

Also in the Series | Mini-SAS HD

High Speed I/O Cable Assemblies(18)

Mini-SAS Cages(10)

SATA & Micro SATA(1)

Customers Also Bought

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

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

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