

2180736-1 ✓ ACTIVE



## Mini-SAS HD

TE Internal #: 2180736-1

Mini-SAS Cages, 4 Port, Included Lightpipe, Cable-to-Board, 144 Position, .03 mm [.75 in] Centerline, Printed Circuit Board, Signal, Mini-SAS HD

[View on TE.com >](#)

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



Number of Ports: 4

Included Lightpipe: Yes

Connector System: Cable-to-Board

Number of Positions: 144

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

[All Mini-SAS HD Cages \(12\)](#)

## Features

### Product Type Features

Form Factor	Mini-SAS HD
Shell	With
Pluggable I/O Product Type	Cage, Connector
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Ports	4
Number of Positions	144

### Contact Features



Contact Base Material	Copper Alloy
-----------------------	--------------

### Termination Features

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

### 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]
Profile Height from PCB	16.44 mm[.647 in]

### Usage Conditions

High Temperature Compatible	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: JUNE 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

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



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



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



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



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



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



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



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



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




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



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

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 #206070-8  
CABLE CLAMP KIT #17



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #W2S  
WedgeLocks: DEUTSCH DT



TE Part #0462-201-16141  
DEUTSCH Solid Contacts



## Documents

### Product Drawings

#### MiniSAS HD 1x4 Rec Assy w/ LP

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2180736-1\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2180736-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2180736-1\\_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