

2227595-1 ✓ ACTIVE

## Mini-SAS HD

TE Internal #: 2227595-1

Internal Mini-SAS HD, Receptacle, Cable-to-Board, 36 Position, 4 Row, 1 Port, Vertical, Through Hole - Press-Fit, Mini-SAS HD

[View on TE.com >](#)



Connectors > PCB Connectors > SAS & MiniSAS > Internal Mini-SAS HD Receptacles



SAS Connector Type: **Internal Mini-SAS HD**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **36**

Number of Rows: **4**

[All Internal Mini-SAS HD Receptacles \(6\)](#)

## Features

### Product Type Features

Shell	Without
SAS Connector Type	Internal Mini-SAS HD
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	36
Number of Rows	4
Number of Ports	1
PCB Mount Orientation	Vertical

### Body Features

Primary Product Color	Black
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### Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin



Contact Base Material	Copper Alloy
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### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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### Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	M2 Screw

### Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.75 mm[.029 in]

### Dimensions

Profile Height from PCB	14.2 mm[.559 in]
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### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Box & Tray
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### 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



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 # 2149027-1  
MiniSAS HD 1x1 Rec Assy



TE Part # 2170563-1  
12G SAS RECEPTACLE, 29 POS



TE Part # 2227640-1  
1X2 VERT ASSY, MINI SAS HD INTERNAL




TE Part # 2185275-1  
ASY, RMVL TL, SHROUD, MINI-SAS



TE Part # 2215044-2  
ASSY, REMOVAL TOOL

### 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



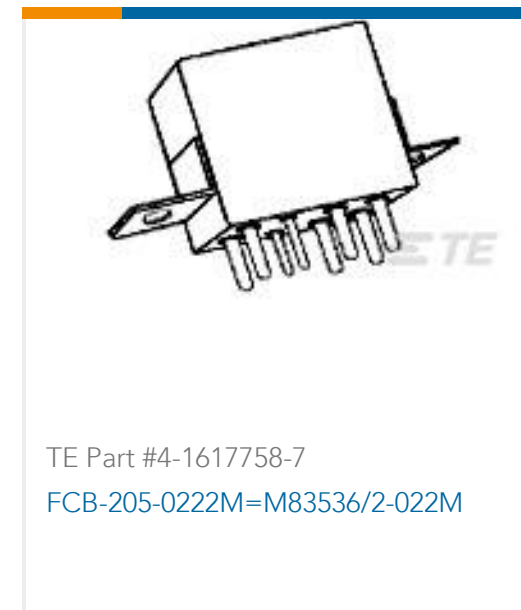
TE Part #1658391-2  
SFP CAGE&PT ASSY PRESS FIT 2X1



TE Part #2227642-1  
1X4 VERT ASSY, MINI SAS HD  
INTERNAL



TE Part #2309408-1  
DDR4 SODIMM 260P 4.0H RVS



TE Part #4-1617758-7  
FCB-205-0222M=M83536/2-022M



TE Part #103670-2  
03 MTE HDR SRST LATCH W/HLDWN



PITCH BATTE



TE Part #2213775-7  
AV16 SPM 0.4VA POWER LED GREEN  
12V



TE Part #YDTS20W19-32PNV001  
RECP ASSY



TE Part #1410186-2  
MULTIGIG RT T2.8" BP HALF LEFT

## Documents

### Product Drawings

[1X1 VERT ASSY, MINI SAS HD INTERNAL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2227595-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2227595-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2227595-1\\_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

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### Agency Approvals

#### UL Report

English