

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

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

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy



PCB Contact Termination Area Plating Material

Tin

Termination Features

Termination Method to PCB

Through Hole - Press-Fit

Mechanical Attachment

PCB Mount Retention Type

M2 Screw

PCB Mount Retention

With

Housing Features

Housing Material

Liquid Crystal Polymer (LCP)

Centerline (Pitch)

.75 mm[.029 in]

Dimensions

Profile Height from PCB

14.2 mm[.559 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

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2025 (250)
 Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 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 # 2227640-1
1X2 VERT ASSY, MINI SAS HD INTERNAL



TE Part # 2149027-1
MiniSAS HD 1x1 Rec Assy



TE Part # 2215044-2
ASSY, REMOVAL TOOL

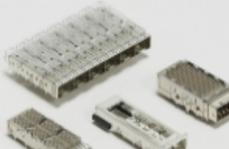


TE Part # 2185275-1
ASY, RMVL TL, SHROUD, MINI-SAS

Also in the Series | Mini-SAS HD



Mini-SAS Cages(10)



Pluggable IO Connectors & Cages(10)



SAS & MiniSAS(10)



SATA & Micro SATA(1)

Customers Also Bought



TE Part #SP3-50
STRING POT 50 INCH RANGE



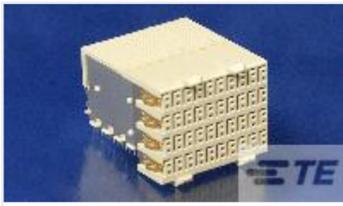
TE Part #173081-2
EIS POST ASSY V 2P GOLD NATU.



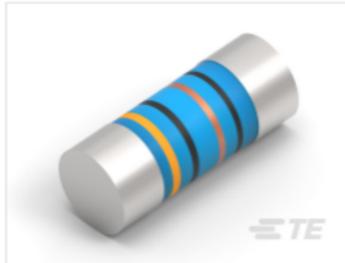
TE Part #223956-1
STV ERMZUB FUEHRUNGSBOLZEN J * M 1 * **



TE Part #499712-1
KEYING PLUG,NOVO RCPT



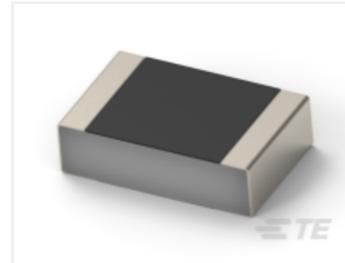
TE Part #2065657-1
zd Plus, 4 pair, receptacle assy



TE Part #7-2176316-0
MELF SMA_A 47K 1% 50PPM 0207 1W



TE Part #5-2176337-7
CRGCO 0402 470K 1%



TE Part #7-2176453-3
CPF 0201 32K4 0.1% 25ppm 1K RL



TE Part #2302317-1
RA ASSY, 7 Row, Cent DP, MULTIGIG
RT 2-S



TE Part #2327672-1
RECEPT ASSY, RA, 56 POS, SLIVER 2.0

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

Agency Approvals

[UL Report](#)

English