

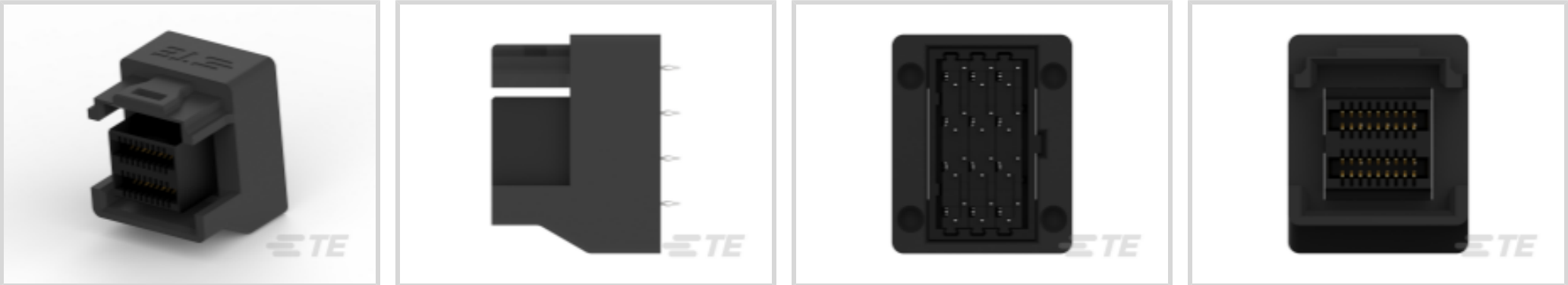


Mini-SAS HD

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

Industry Standards

UL Flammability Rating	UL 94V-0
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin

Body Features

Primary Product Color	Black
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Mechanical Attachment

PCB Mount Retention Type	M2 Screw
PCB Mount Retention	With

Packaging Features

Packaging Method	Box & Tray
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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]

Housing Features

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

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

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Operation/Application

Circuit Application	Signal
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Other

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	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 # 2215044-2
ASSY, REMOVAL TOOL



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



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

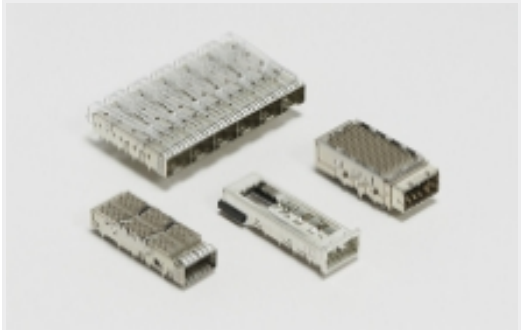


TE Part # 2227640-1
1X2 VERT ASSY, MINI SAS HD INTERNAL

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 #1-1423008-8
T92S7D14-24



TE Part #2-644486-6
06P MTA100 SHRDED HDR ASSY SN



TE Part #84953-6
1MM FPC HORZ.TOP CONT.ASSY 6P



TE Part #5-103961-7
2X8 MTE RCPT SR LATCH .100CL



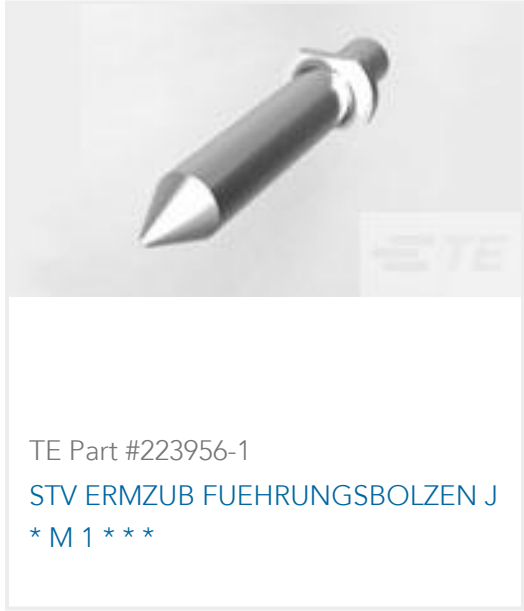
TE Part #2327672-1
RECEPT ASSY, RA, 56 POS, SLIVER 2.0



TE Part #2355045-3
3P,2MM,BRK HDR,SRVT,2.8,0.1AU,TB



TE Part #5-102975-5
10 MODII HDR DRRRA B/A .100CL



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



TE Part #214547-E
MSPPM 5 F SMD F6 * A V 137 094 *
E008 J



TE Part #1878643-3
M5031

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