



Mini-SAS HD

TE Internal #: 2214870-1
Mini-SAS HD, Receptacle, Cable-to-Board, 144 Position, 4 Row, 4 Port, Right Angle, Through Hole - Press-Fit, .75 mm [.029 in] Centerline, Mini-SAS HD

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Connectors > PCB Connectors > SAS & MiniSAS



SAS Connector Type: **Mini-SAS HD**
Connector & Housing Type: **Receptacle**
Connector System: **Cable-to-Board**
Number of Positions: **144**
Number of Rows: **4**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Contact Features

Contact Base Material	Copper Alloy
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Body Features

Primary Product Color	Black
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Packaging Features

Packaging Method	Package, Box & Tray
Packaging Quantity	15

Dimensions

Profile Height from PCB	12.78 mm[.503 in]
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Usage Conditions

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

Mechanical Attachment

PCB Mount Retention Type	M2 Screw
PCB Mount Retention	With
Connector Mounting Type	Panel Mount, Board Mount



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	With
SAS Connector Type	Mini-SAS HD
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board

Configuration Features

Number of Positions	144
Number of Rows	4
Number of Ports	4
PCB Mount Orientation	Right Angle

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

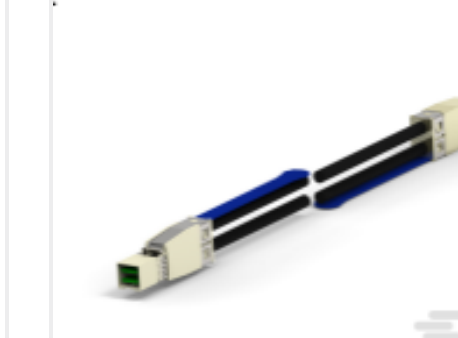
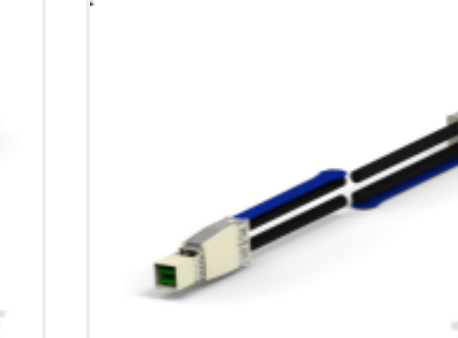
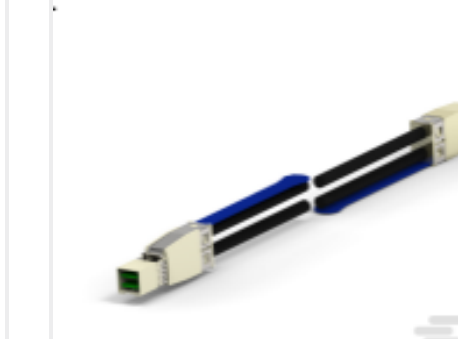
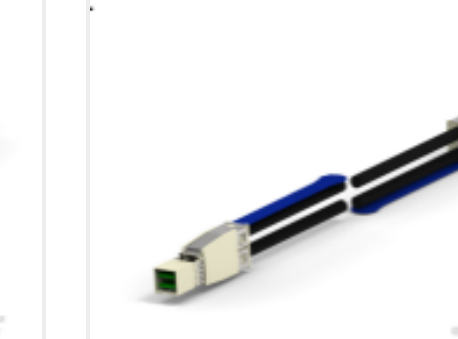
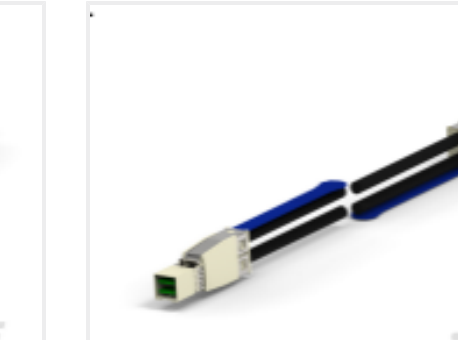
Solder Process Capability

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 # 2337815-1 MINISAS HD TO MINISAS HD,30AWG, 0.5M	 TE Part # 2337815-3 MINISAS HD TO MINISAS HD,30AWG, 2M	 TE Part # 4-2337815-5 MINISAS HD TO MINISAS HD,28AWG, 4M	 TE Part # 4-2337815-3 MINISAS HD TO MINISAS HD,28AWG, 2M
 TE Part # 2337815-2 MINISAS HD TO MINISAS HD,30AWG, 1M	 TE Part # 4-2337815-6 MINISAS HD TO MINISAS HD,28AWG, 5M	 TE Part # 4-2337815-8 MINISAS HD TO MINISAS HD,28AWG, 7M	 TE Part # 2-2337815-4 MINISAS HD TO MINISAS HD,30AWG, 3M
 TE Part # 2-2337815-5 MINISAS HD TO MINISAS HD,30AWG, 4M	 TE Part # 2-2337815-1 MINISAS HD TO MINISAS HD,30AWG, 0.5M	 TE Part # 2337815-4 MINISAS HD TO MINISAS HD,30AWG, 3M	 TE Part # 2-2337815-2 MINISAS HD TO MINISAS HD,30AWG, 1M



TE Part # 2-2337815-6
MINISAS HD TO MINISAS HD,30AWG, 5M

TE Part # 4-2337815-7
MINISAS HD TO MINISAS HD,28AWG, 6M

TE Part # 4-2337815-2
MINISAS HD TO MINISAS HD,28AWG, 1M

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

TE Part # 4-2337815-1
MINISAS HD TO MINISAS HD,28AWG, 0.5M

TE Part # 2-2337815-3
MINISAS HD TO MINISAS HD,30AWG, 2M

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 #1623783-7
SQM7 22K 5% (METAL FILM)

TE Part #3-647502-4
04P MTA100 HDR ASSY,SM,SN, LF

TE Part #5767054-1
MICT,RECPT,38,ASSY,PDNI

TE Part #5-146281-3
03 MODII HDR SRST B/A LF

TE Part #1571983-9
GDH06STR04=DIP SWITCH

TE Part #5-146256-1
02 MODII HDR DRST B/A .100CL LF

TE Part #1676241-2
RN 0805 1K74 0.1% 10PPM 1KRL

TE Part #1676285-3
RN 0805 2K21 0.1% 10PPM 5KRL



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2214870-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2214870-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2214870-1_B.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English