

MiniSAS HD 1x4 Rec Assy w/ weld

✓ ACTIVE

Mini-SAS HD

TE Part # 2214870-1

TE Internal #: 2214870-1

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Connectors > Audio & Video Connectors > SAS & MiniSAS > Mini-SAS



Product Type: **Connector**
Connector Style: **Receptacle**
Connector System: **Cable-to-Board**
Number of Positions: **144**
Number of Rows: **4**

Features

Product Type Features

Receptacle Configuration	Mini-SAS HD
Product Grouping	Mini-SAS HD
Shell	With
Product Type	Connector
Connector Style	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Plug Configuration	Mini-SAS HD
Stackable	No
Number of Positions	144
Number of Rows	4
Number of Ports	4
PCB Mount Orientation	Right Angle

Contact Features

Contact Base Material	Copper Alloy
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Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	M2 Screw



PCB Mounting Style	Through Hole - Press-Fit
Connector Mounting Type	Board Mount, Panel

Housing Features

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

Dimensions

PCB Thickness (Recommended)	.97 mm[.038 in]
Height Above PC Board	12.78 mm[.503 in]

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 Quantity	15
Packaging Method	Box & Tray, Package

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: JAN 2019 (197) Candidate List Declared Against: JUL 2017 (174)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Pluggable I/O Cable Assemblies(18)

Also in the Series | Mini-SAS HD



Mini-SAS Cages(9)



Mini-SAS Connectors(10)



Pluggable I/O Cable Assemblies(18)



SATA Connectors(1)

Customers Also Bought

TE Part #4-1546158-7
6PCV-03-1256=6PCV-03-001 W/PP

TE Part #66106-5
III+ PIN,26-24,30AU>10, STRIP

TE Part #1742160-1
TAB,187 FASTON,MAG-MATE

TE Part #120992-9
UPM EXPANDED RCPT ASSEMBLY

MiniSAS HD 1x4 Rec Assy w/ weld

TE Part # 2214870-1
TE Internal #: 2214870-1



TE Part #2-2205129-2
CA MINI IO TYPE I PIGTAIL

TE Part #5-87879-8
13 MODIV VRT SR OE 100 /115, ROHS

TE Part #2-2319764-0
E STACK PIANO 10P G SHORT TUBE PD OFF

TE Part #4-2176381-5
RQ 0805 35K7 0.1% 10PPM 5K RL

TE Part #7-2176381-4
RQ 0805 71K5 0.1% 10PPM 5K RL

TE Part #5-2176390-0
RQ 1206 3K74 0.1% 10PPM 5K RL

Documents

Product Drawings

MiniSAS HD 1x4 Rec Assy w/ weld

English

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

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English