MiniSAS HD 1x4 Rec Assy w/ weld ACTIVE



Mini-SAS HD

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

View on TE.com >



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
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
Industry Standards	
UL Flammability Rating	UL 94V-0
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

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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



Also in the Series | Mini-SAS HD



Mini-SAS Cages(9)



Mini-SAS Connectors(10)



Pluggable I/O Cable Assemblies(18)



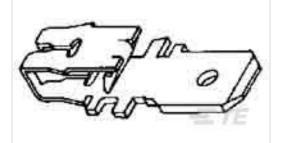
SATA Connectors(1)

Customers Also Bought





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



TE Part #1742160-1
TAB,187 FASTON,MAGMATE

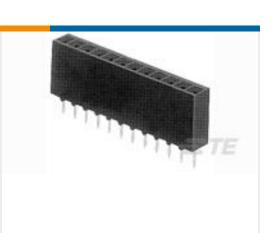


TE Part #120992-9
UPM EXPANDED RCPT
ASSEMBLY

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







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 #7-2176381-4 RQ 0805 71K5 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