2227582-1 ✔ ACTIVE

Mini-SAS HD

TE Internal #: 2227582-1

Internal Mini-SAS HD, Receptacle, Cable-to-Board, 144 Position, 4 Row, 4 Port, Right Angle, Through Hole - Press-Fit, Mini-SAS HD

View on TE.com >

Connectors > PCB Connectors > SAS & MiniSAS > Internal Mini-SAS HD Receptacles

EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

SAS Connector Type: **Internal Mini-SAS HD**

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

All Internal Mini-SAS HD Receptacles (6)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
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	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.75 mm[.029 in]

Dimensions

Profile Height from PCB	13.9 mm[.547 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>

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

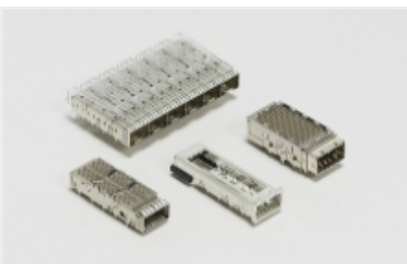
Compatible Parts

TE Part # CAT-MHD6907-C117
Mini-SAS HD Cages

TE Part # 2274680-1
MINISAS HD 1X4 REC ASSY W/ WELD; AU ONLY

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)

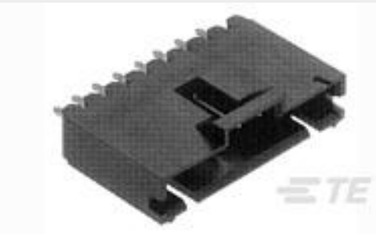
Customers Also Bought

TE Part #5-1462037-8
IM43TS=IM RELAY 100mW 5V BIS

TE Part #2227642-1
1X4 VERT ASSY, MINI SAS HD INTERNAL

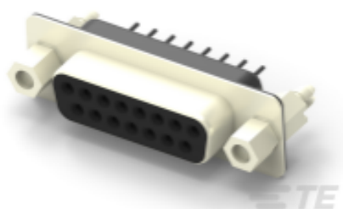
TE Part #2309410-2
DDR4 SODIMM 260P 5.2H RVS

TE Part #1061015-1
5863 0000 10,OSX PCB PLUG

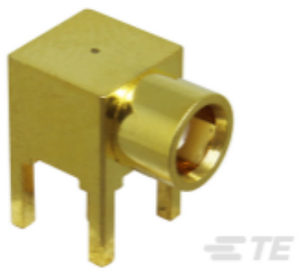


TE Part #103908-1
02 MTE HDR SRST LATCH W/HLDWN

TE Part #2301838-1
AMPL REC HD20, VERT, 9P, B/L,4-40 INS



TE Part #2301840-1
AMPL REC HD20, VERT, 15P, B/L,4-40 S/LOC



TE Part #CONMCX002
MCX Jack 50 Ohm PCB Through Hole

TE Part #2081679-1
SMA JACK RECEPTACLE,PCB,RIGHT ANGLE,6GHZ

Documents

Product Drawings

1X4 R/A ASSY, MINI SAS HD INTERNAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2227582-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2227582-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2227582-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English