

2274215-1 ✓ ACTIVE

Mini-SAS HD

TE Internal #: 2274215-1

Mini-SAS Cages, 1 Port, Cable-to-Board, 36 Position, .03 mm [.75 in] Centerline, Printed Circuit Board, Signal, Mini-SAS HD

[View on TE.com >](#)



Connectors > Pluggable IO Connectors & Cages > Mini-SAS Cages > Mini-SAS HD Cages



Number of Ports: 1

Included Lightpipe: No

Connector System: Cable-to-Board

Number of Positions: 36

Centerline (Pitch): .03 mm [.75 in]

[All Mini-SAS HD Cages \(12\)](#)

Features

Product Type Features

Form Factor	Mini-SAS HD
Shell	With
Pluggable I/O Product Type	Cage, Connector
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Ports	1
Number of Positions	36

Contact Features

Contact Base Material	Copper Alloy
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Termination Features

Termination Post & Tail Length	1.64 mm[.065 in]
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Mechanical Attachment

PCB Mount Retention	With
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PCB Mount Retention Type	M2 Screw
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Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Housing Color	Black
Centerline (Pitch)	.03 mm [.75 in]

Dimensions

PCB Thickness (Recommended)	.97 mm [.038 in]
Profile Height from PCB	12.78 mm [.503 in]

Usage Conditions

High Temperature Compatible	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	72
Packaging Method	Box & Tray

Other

Included Lightpipe	No
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 2-2337815-1
MINISAS HD TO MINISAS HD,28AWG,
0.5M



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



TE Part # 2-2337815-3
MINISAS HD TO MINISAS HD,28AWG,
2M



TE Part # 2-2337815-5
MINISAS HD TO MINISAS HD,28AWG,
4M



TE Part # 2-2337815-6
MINISAS HD TO MINISAS HD,28AWG,
5M



TE Part # 2337815-1
MINISAS HD TO MINISAS HD,30AWG,
0.5M



TE Part # 2337815-2
MINISAS HD TO MINISAS HD,30AWG,
1M



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



TE Part # 2337815-4
MINISAS HD TO MINISAS HD,30AWG,
3M



TE Part # 4-2337815-1
MINISAS HD TO MINISAS HD,26AWG,
0.5M



TE Part # 4-2337815-2
MINISAS HD TO MINISAS HD,26AWG,
1M



TE Part # 4-2337815-3
MINISAS HD TO MINISAS HD,26AWG,
2M




TE Part # 4-2337815-4
MINISAS HD TO MINISAS HD,26AWG,
3M



TE Part # 4-2337815-5
MINISAS HD TO MINISAS HD,26AWG,
4M



TE Part # 4-2337815-7
MINISAS HD TO MINISAS HD,26AWG,
6M



TE Part # 4-2337815-8
MINISAS HD TO MINISAS HD,26AWG,
7M



TE Part # 2-2337815-4
MINISAS HD TO MINISAS HD,28AWG,
3M



TE Part # 4-2337815-6
MINISAS HD TO MINISAS HD,26AWG,
5M

Also in the Series | Mini-SAS HD



Mini-SAS Cages(11)



Pluggable I/O Cable Assemblies(18)



SAS & MiniSAS(10)



SATA & Micro SATA(1)

Customers Also Bought



TE Part #2149966-1
MiniSAS HD, 1x2 Rec Assy



TE Part #2-2338495-1
CAGE ASSEMBLY, 2 LP PER PORT,
1X4, OSFP



TE Part #554808-1
HDW KIT, STDOFF STUD METRIC



TE Part #3-1676481-6
CPF 0603 160R 0.1% 25PPM 1K RL



TE Part #1775862-2
mSATA/mini PCI-E 5.2H Type I G/F



TE Part #1676211-2
RN 0805 187R 0.1% 10PPM 1KRL



TE Part #7-2176371-9
RQ 0603 30K1 0.1% 10PPM 5K RL



TE Part #1982295-6
ELCON MINI 2P RA HEADER, GOLD, W/
/O CODING



Documents

Product Drawings

[MINISAS HD 1X1 REC ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2274215-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2274215-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2274215-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English