2198484-1 ✔ ACTIVE

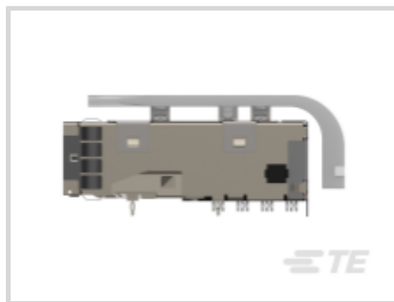
Mini-SAS HD

TE Internal #: 2198484-1

Mini-SAS HD, Receptacle Assembly, .75in [.03mm] Centerline, Signal, Operating Temperature Range -55 - 85 °C [-67 - 185 °F], Data Rate (Max) 12 Gb/s

View on TE.com >

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



Pluggable I/O Product Type: **Receptacle Assembly**

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

Circuit Application: **Signal**

Operating Temperature Range: **-55 - 85 °C [-67 - 185 °F]**

Data Rate (Max): **12 Gb/s**

All Mini-SAS HD Cages (12)

Features

Product Type Features

Pluggable I/O Product Type	Receptacle Assembly
Form Factor	Mini-SAS HD

Configuration Features

Number of Positions	36
Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	12 Gb/s

Contact Features

Contact Base Material	Copper Alloy

Termination Features

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

Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Housing Features

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

Dimensions

PCB Thickness (Recommended)	.97 mm[.038 in]
Profile Height from PCB	16.44 mm[.647 in]

Usage Conditions

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

Other

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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,30AWG, 0.5M

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

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

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

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

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

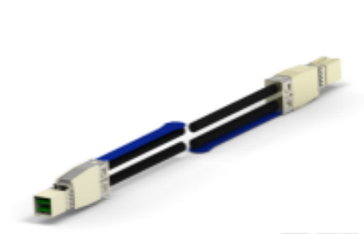
TE Part # 4-2337815-1
MINISAS HD TO MINISAS HD,28AWG, 0.5M

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

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

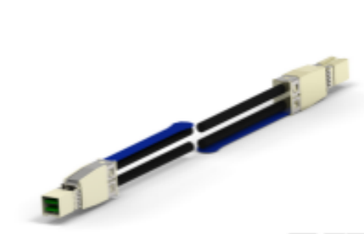
TE Part # 4-2337815-4
MINISAS HD TO MINISAS HD,28AWG, 3M

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



TE Part # 4-2337815-6
MINISAS HD TO MINISAS HD,28AWG, 5M

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



TE Part # 4-2337815-8
MINISAS HD TO MINISAS HD,28AWG, 7M

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

TE Part # 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(11)

SAS & MiniSAS(10)

SATA & Micro SATA(1)

Customers Also Bought

TE Part # 206070-8
CABLE CLAMP KIT #17

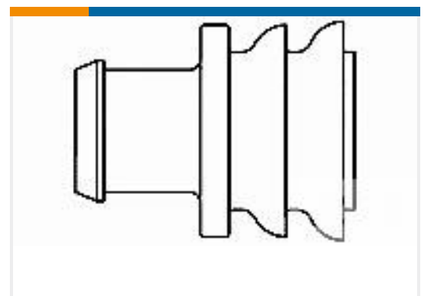
TE Part # DT04-2P
REC, 2P, GRY, N

TE Part # W2S
Wedgelocks: DEUTSCH DT

TE Part # 0460-202-16141
DEUTSCH Solid Contacts

TE Part # 282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

TE Part # DT06-2S
PLG, 2P, GRY, N



TE Part # 281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

MiniSAS HD 1x1 Rec Assy w/ LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2198484-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2198484-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2198484-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

7-1773461-9_MINI_SAS_HD_INTERCONNECT

English

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English