

2214870-1 ✓ ACTIVE

Mini-SAS HD

TE Internal #: 2214870-1

Mini-SAS HD, Receptacle, Cable-to-Board, 144 Position, 4 Row, 4

Port, Right Angle, Through Hole - Press-Fit, .75 mm [.029 in]

Centerline, Mini-SAS HD

[View on TE.com >](#)



Connectors > PCB Connectors > SAS & MiniSAS



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

Connector & Housing Type: **Receptacle**

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

Number of Positions: **144**

Number of Rows: **4**

Features

Product Type Features

Shell	With
Connector & Contact Terminates To	Printed Circuit Board
SAS Connector Type	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 Base Material	Copper Alloy
-----------------------	--------------

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
---------------------------	--------------------------

Mechanical Attachment

PCB Mount Retention	With
---------------------	------



PCB Mount Retention Type	M2 Screw
--------------------------	----------

Connector Mounting Type	Board Mount, Panel Mount
-------------------------	--------------------------

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
------------------	------------------------------

Centerline (Pitch)	.75 mm [.029 in]
--------------------	------------------

Dimensions

Profile Height from PCB	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: 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 # 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 # 4-2337815-6
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



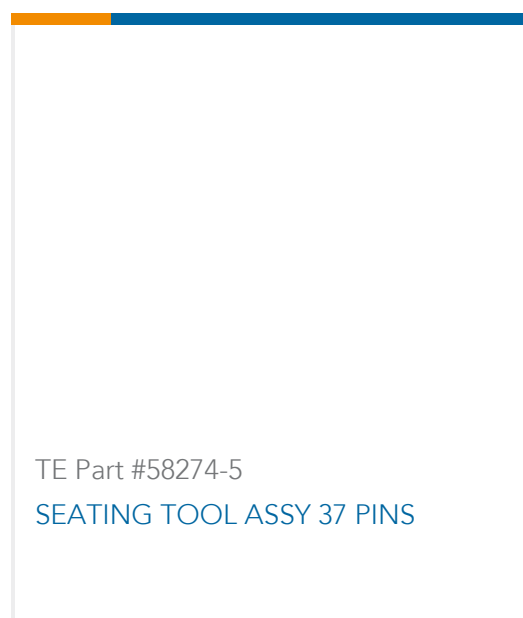
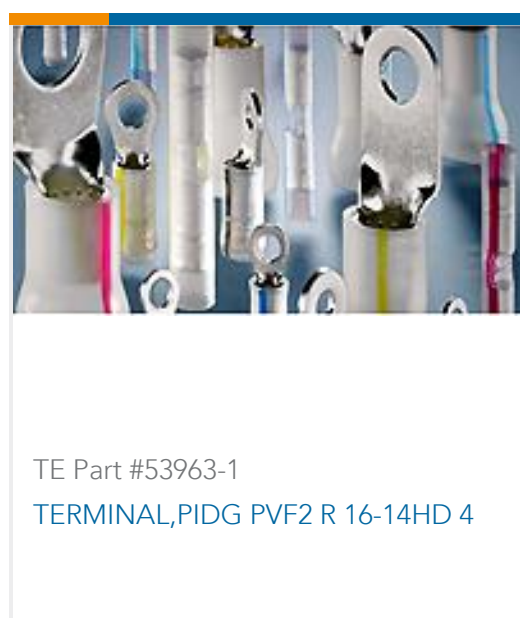
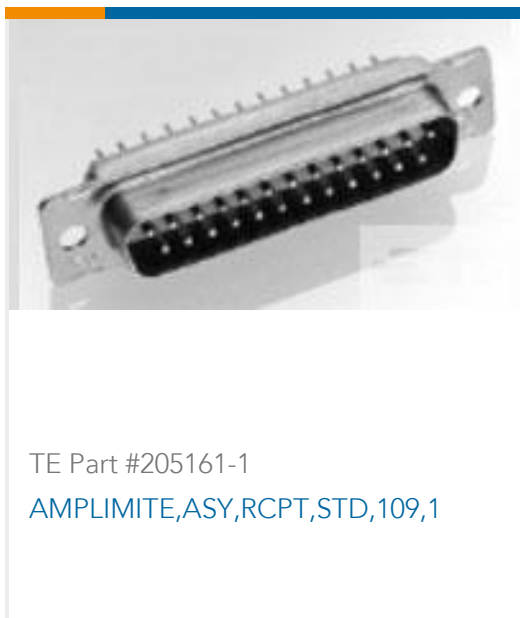
TE Part # 2-2337815-6
MINISAS HD TO MINISAS HD,30AWG,
5M



Also in the Series | Mini-SAS HD



Customers Also Bought





Documents

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English