1888020-2 ✔ ACTIVE

Mini-SAS

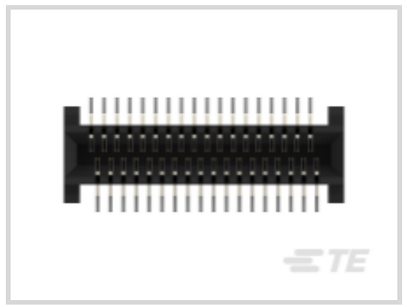
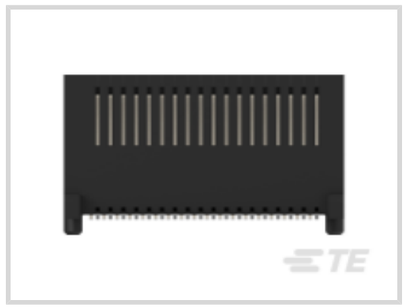
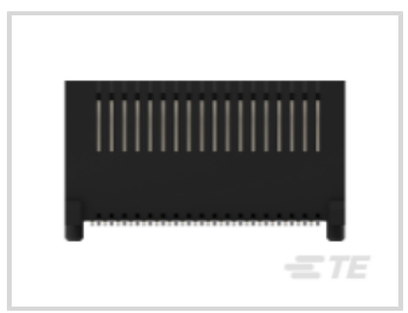
TE Internal #: 1888020-2

Mini-SAS, Receptacle, Cable-to-Board, 36 Position, 1 Row, 1 Port, Vertical, Surface Mount, .031 in [.8 mm] Centerline, Signal, Board Mount, Mini-SAS

View on TE.com >

Connectors > PCB Connectors > SAS & MiniSAS > Mini-SAS Shielded Receptacle Assemblies



SAS Connector Type: **Mini-SAS**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **36**

Number of Rows: **1**

All Mini-SAS Shielded Receptacle Assemblies (19)

Features

Product Type Features

Shell	Without
SAS Connector Type	Mini-SAS
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	36
Number of Rows	1
Number of Ports	1
PCB Mount Orientation	Vertical

Contact Features

	30 µin

Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.8 mm[.031 in]

Usage Conditions

High Temperature Housing	Yes
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	30
Packaging Method	Box & Tube, Tube

Product Compliance

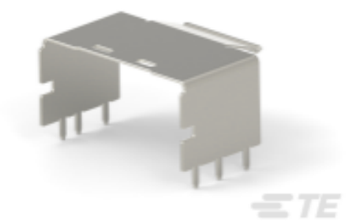
For compliance documentation, visit the product page on TE.com>

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	Reflow solder capable to 260°C

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 # 1888862-4
shield recpt ra 36p t-h nokey Mini-SAS



TE Part # 1888957-1
T-H Shld'd Vert Recpt Assm 36P Mini-SAS



TE Part # 1-1888864-2
SHLD ASSM REC 36 POS T-H MINI-SAS NO KEY

TE Part # 2-1888863-0
Shld Vert Rec Conn Assm36PosSFF No Key

Also in the Series | Mini-SAS



SAS & MiniSAS(30)

Customers Also Bought



TE Part #6-1609152-2
20SRBS1-Y=F8435



TE Part #8-2199154-4
DDR4 DIMM 288 Pin TH type



TE Part #1658020-2
MSB0.80PL30ASY080FL,-,10,-TY



TE Part #2057442-2
IMP100S,H,V4P8C,UG,OEW46,4.9



TE Part #3-6600333-4
MBXL VERT HDR 4P+8S+4P



TE Part #5-6450830-2
MBXLE R/A HDR 4HDP+20S+4HDP



TE Part #5176916-1
HIGH CURRENT DRAWER 24P



TE Part #5176916-2
HIGH CURRENT DRAWER 24P



TE Part #7-2057360-5
STRADA MESA,HD,ST,080,000,00,SN,N,25

Documents

Product Drawings

Mini-SAS Rcpt Conn Assy Vert 36p, tube

English

CAD Files

Customer View Model

ENG_CVM_CVM_1888020-2_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1888020-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1888020-2_A.3d_stp.zip

English

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

Product Specifications

Product Specification

English