2170560-2 ✔ ACTIVE

TE Internal #: 2170560-2

SAS, Receptacle, Board-to-Board, 68 Position, 1 Row, 1 Port,
Vertical, Surface Mount, .03 in / .05 in [.8 mm / 1.27 mm] Centerline

[View on TE.com >](#)

Connectors > PCB Connectors > SAS & MiniSAS

SAS Connector Type: **SAS**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **68**

Number of Rows: **1**

Features

Product Type Features

SAS Connector Type	SAS
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	68
Number of Rows	1
Number of Ports	1
PCB Mount Orientation	Vertical

Contact Features

Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

2170560-2

SAS, Receptacle, Board-to-Board, 68 Position, 1 Row, 1 Port, Vertical, Surface Mount, .
03 in / .05 in [.8 mm / 1.27 mm] Centerline

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.8 mm, 1.27 mm[.03 in][.05 in]

Usage Conditions

Operating Temperature Range	0 – 55 °C[32 – 55 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

PCIe/SAS Generation	Gen3

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 reviewed 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

2170560-2

SAS, Receptacle, Board-to-Board, 68 Position, 1 Row, 1 Port, Vertical, Surface Mount, .03 in / .05 in [.8 mm / 1.27 mm] Centerline

TE Part # 2309567-1

12G SAS REC RIGHT ANGLE CONNECTOR

Documents

Product Drawings

12G SAS/PCIE RECEPTACLE, 68POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170560-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170560-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170560-2_A.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

Product Environmental Compliance

MD_2170560-2_1119201459_dmtec

English

MD_2170560-2_1119201459_dmtec

English