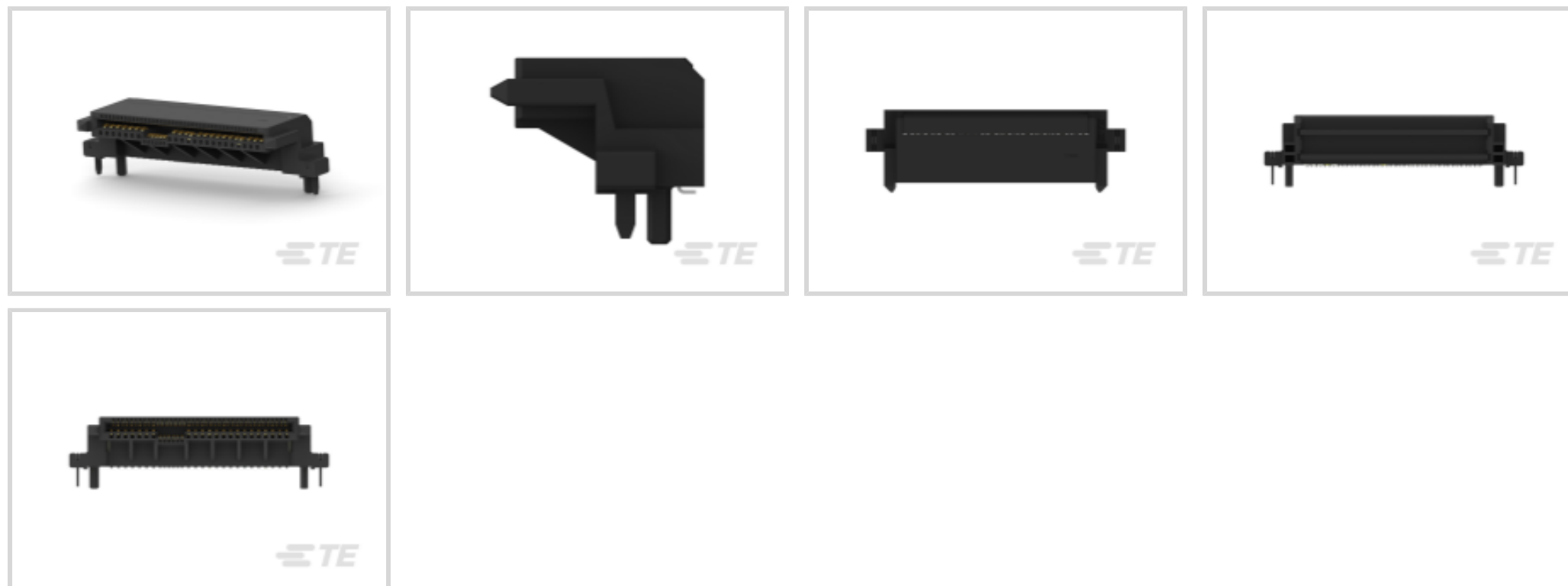




Connectors > PCB Connectors > SAS & MiniSAS



SAS Connector Type: **SAS**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **68**

Number of Rows: **2**

### Features

#### Product Type Features

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

#### Configuration Features

Key Type	SAS
Stackable	No
Number of Positions	68
Number of Rows	2
PCB Mount Orientation	Right Angle

#### Contact Features

	30 µin
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy



Contact Current Rating (Max)	1.5 A
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### Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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### Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Solder Peg

### Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Housing Color	Black

### Usage Conditions

High Temperature Housing	Yes
Operating Temperature Range	0 – 55 °C [0 – 131 °F]

### Operation/Application

Circuit Application	Signal
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### Industry Standards

PCIe/SAS Generation	Gen3
UL Flammability Rating	UL 94V-0

### 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 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 # 2170560-2  
12G SAS/PCIE RECEPTACLE, 68POS



TE Part # 2309567-2  
12G SAS REC RIGHT ANGLE CONNECTOR

## Customers Also Bought



TE Part # 2199155-1  
DDR4 DIMM SOCKETS



TE Part # 1888653-5  
2X1 OFFSET ST/JK WITH LEDS



TE Part # 2-1410271-0  
MULTIGIG RT PWR .8" R/A HDR 4P PBFR



TE Part # 1-87499-3  
08 MODIV HSG SR MRKD .100CL



TE Part # 2007709-1  
IMP100S,R,RA3P16C,LG,39



TE Part # 1676413-2  
RN 0805 6K04 0.1% 10PPM 1KRL



TE Part # 5-103945-3  
4X4 MTE SHRD PIN SR LATCH .100

## Documents

### Product Drawings

12G SAS REC RIGHT ANGLE CONNECTOR

English

### CAD Files

3D PDF



3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2309567-1\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2309567-1\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2309567-1\\_A.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English